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# HISTOIRE

PHYSIQUE, POLITIQUE ET NATURELLE

DE

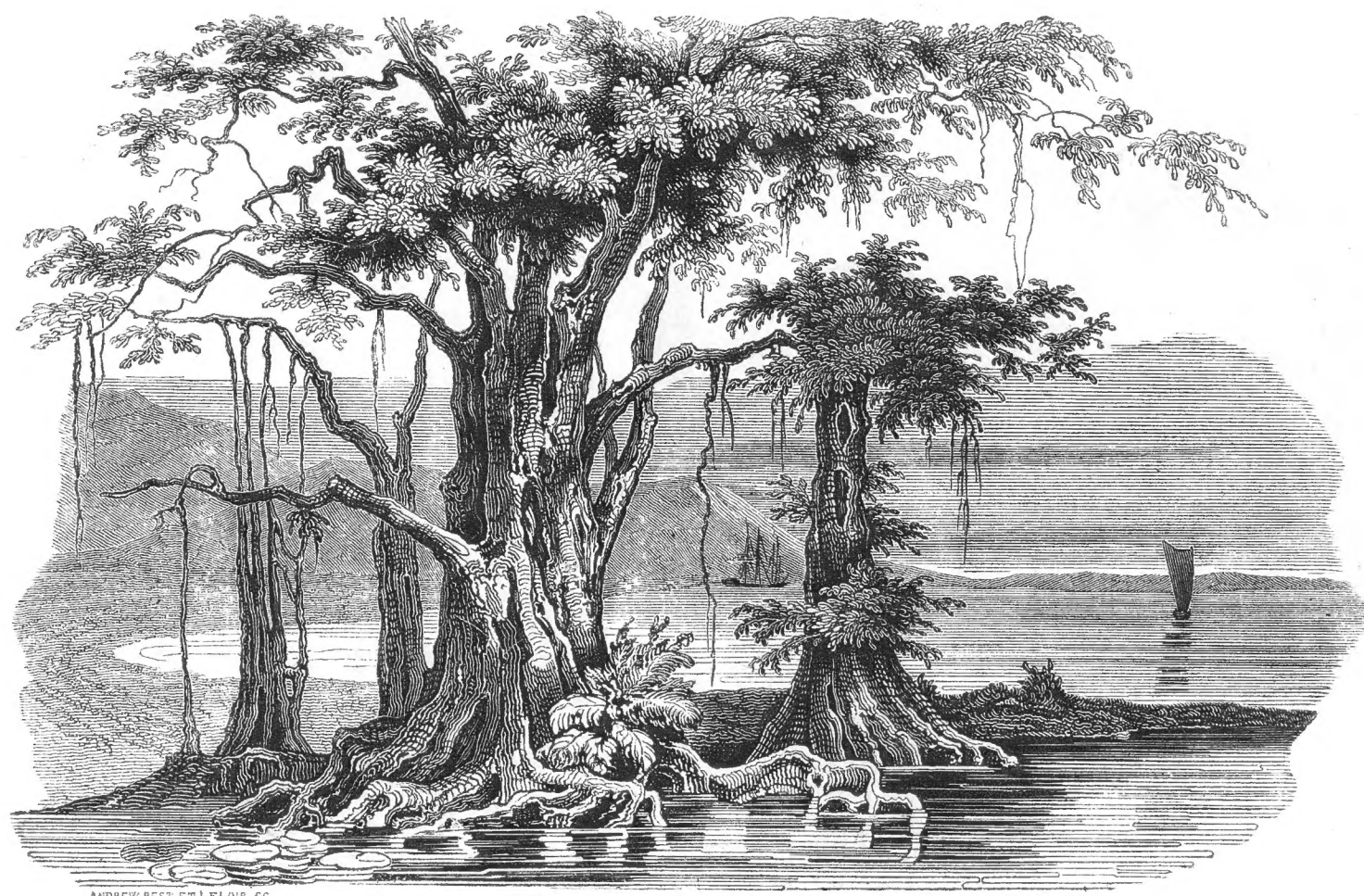
# L'ILE DE CUBA

PAR M. RAMON DE LA SAGRA,

DIRECTEUR DU JARDIN BOTANIQUE DE LA HAVANE,

CORRESPONDANT DE L'INSTITUT ROYAL DE FRANCE, ETC.

Atlas.



FICUS INDICA.

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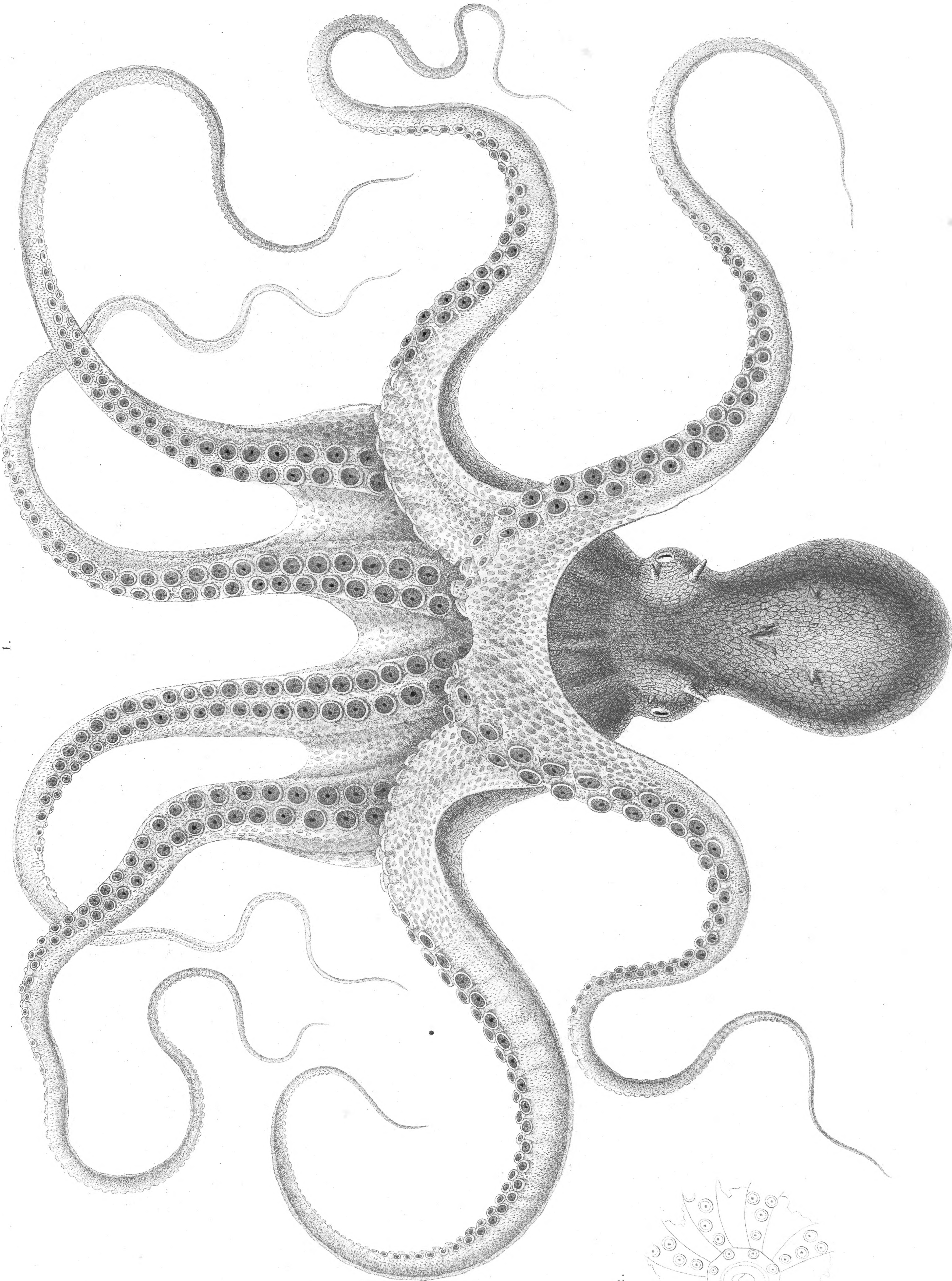
all 1842

This atlas was issued in 1842;  
see: Dall, Bull. U.S. Geol. Surv. \*24, p. 11, 1885.

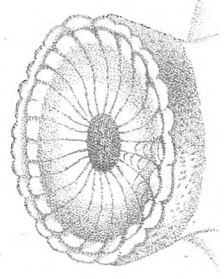








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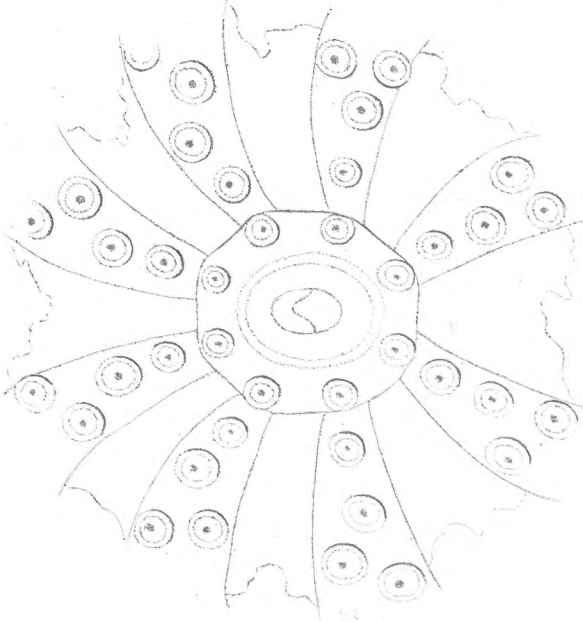


*Amalancha* 22.

*Octopus vulgaris*, Lin. var. *Americanus*.

*M. Remond* 1890. v. *Vielle-Etampade*, 18. *Thore*.

2.

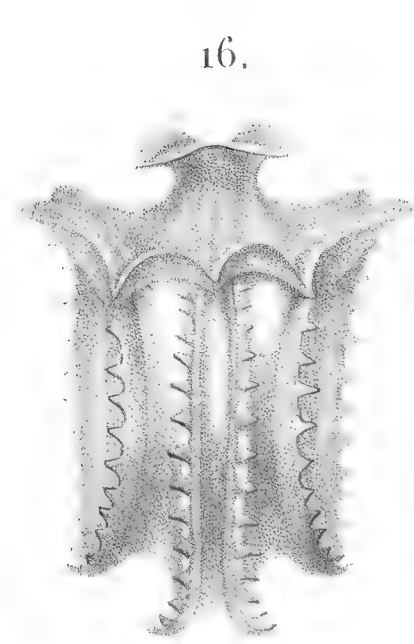
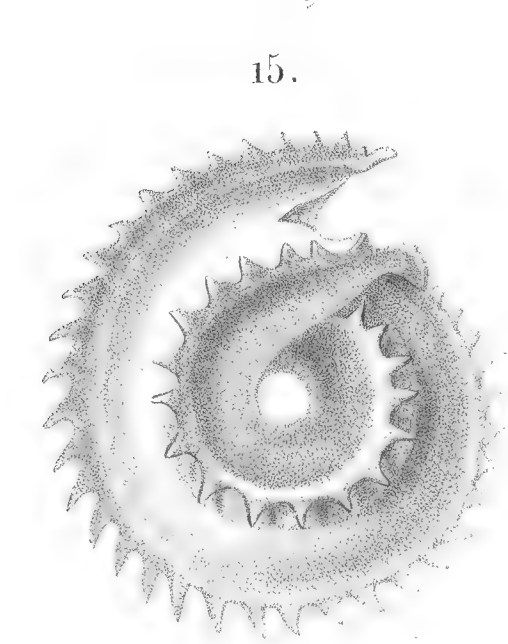
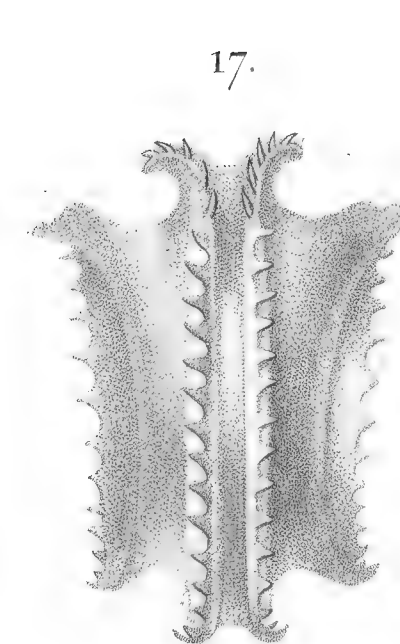
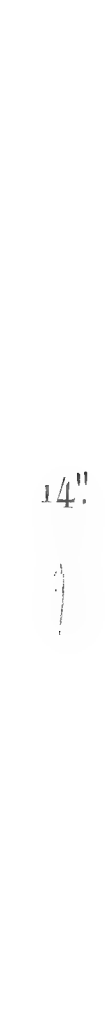
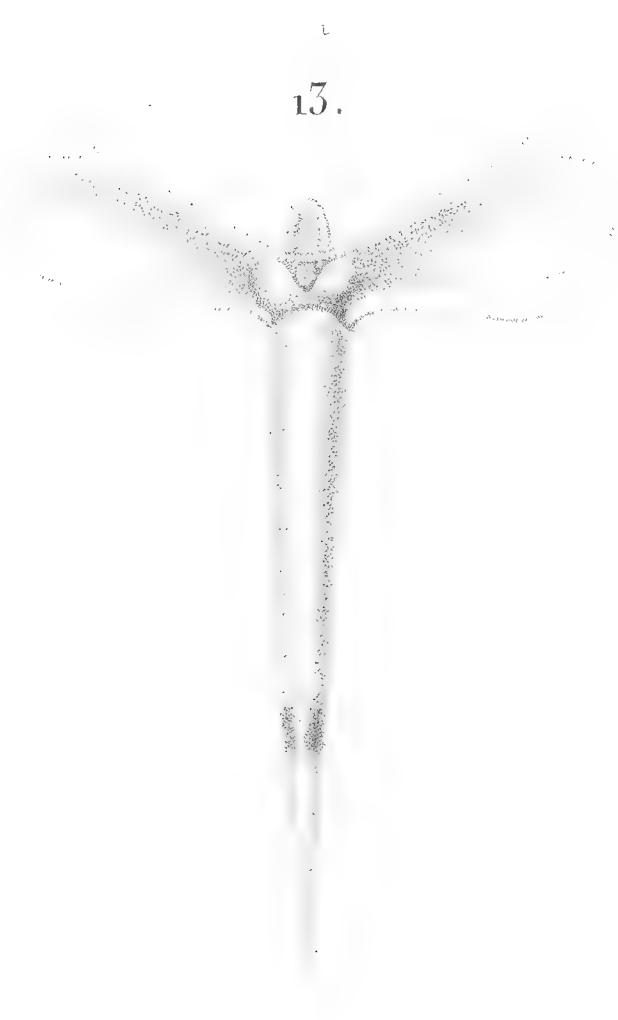
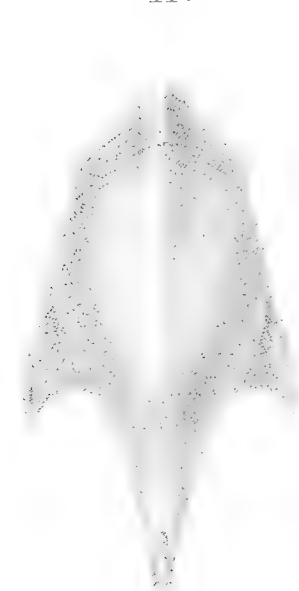
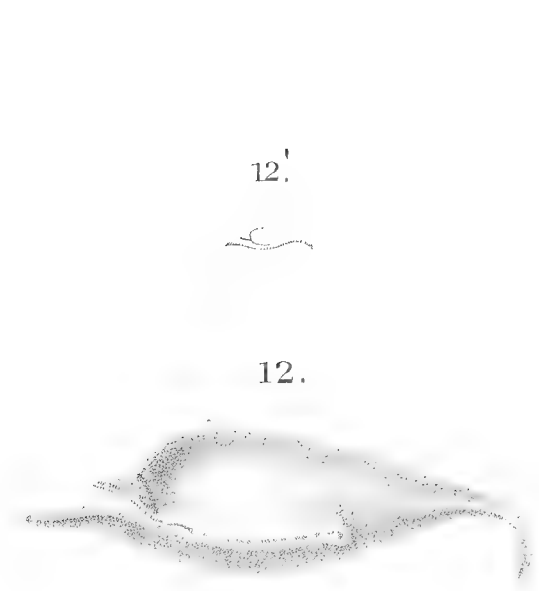
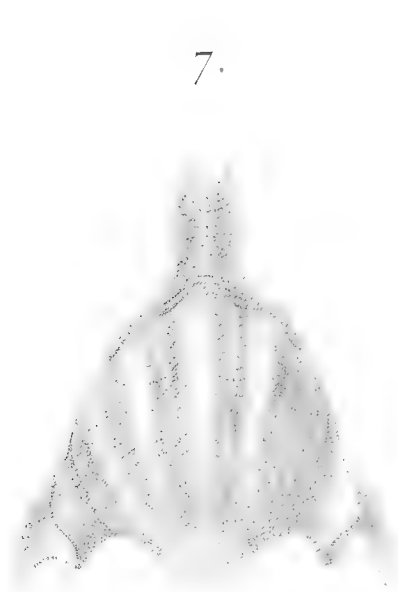
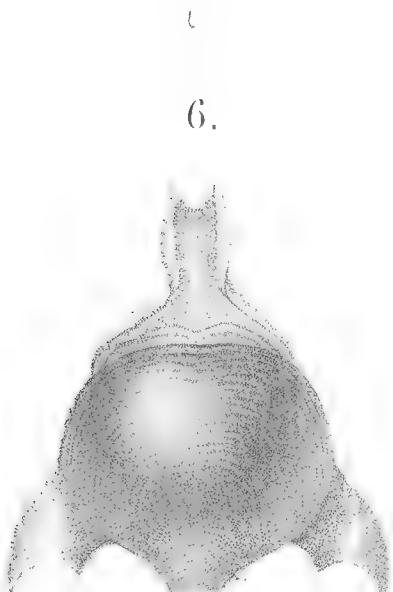
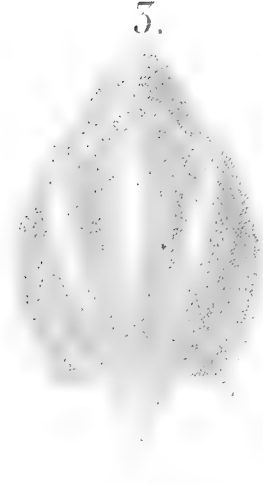
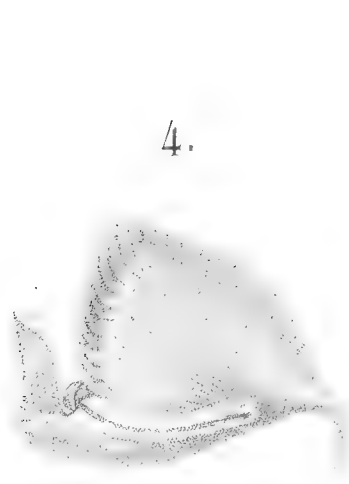
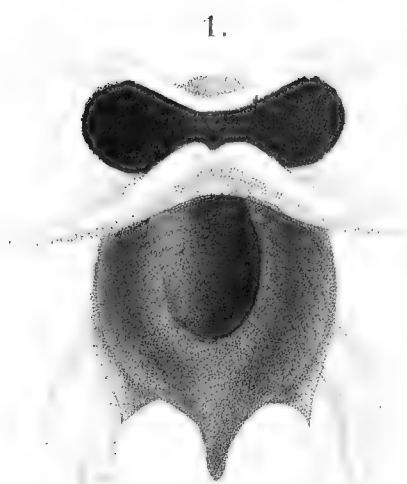
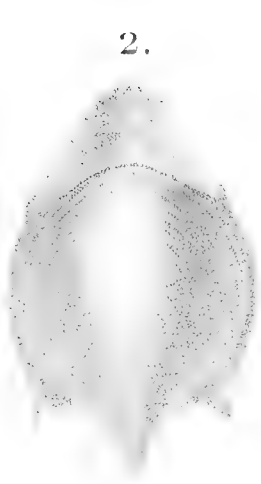


*Petra pira*.









*Petre pinc.*

*Schmelz. sculp.*

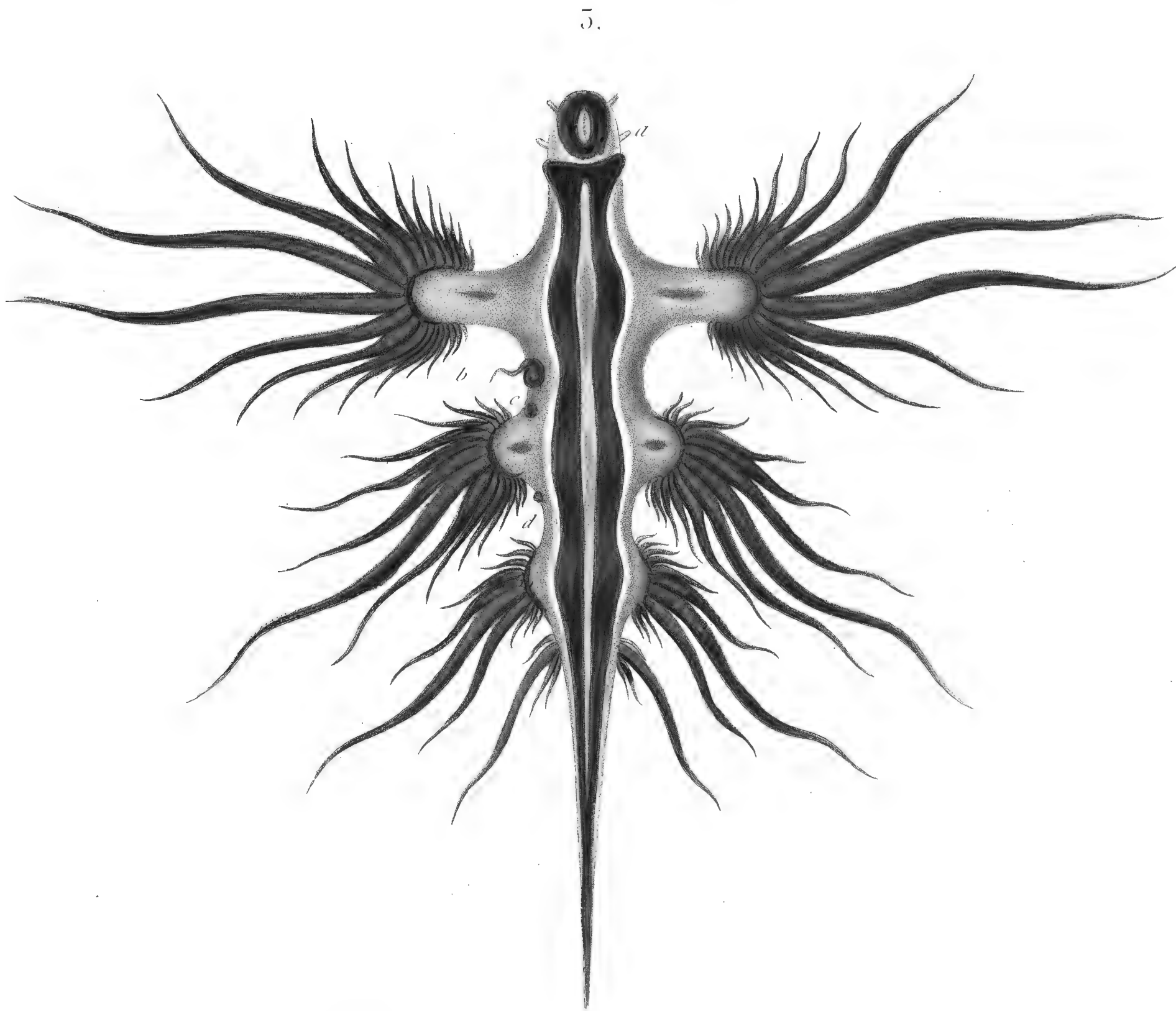
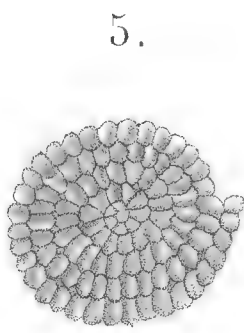
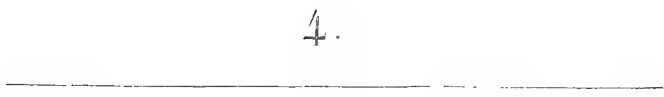
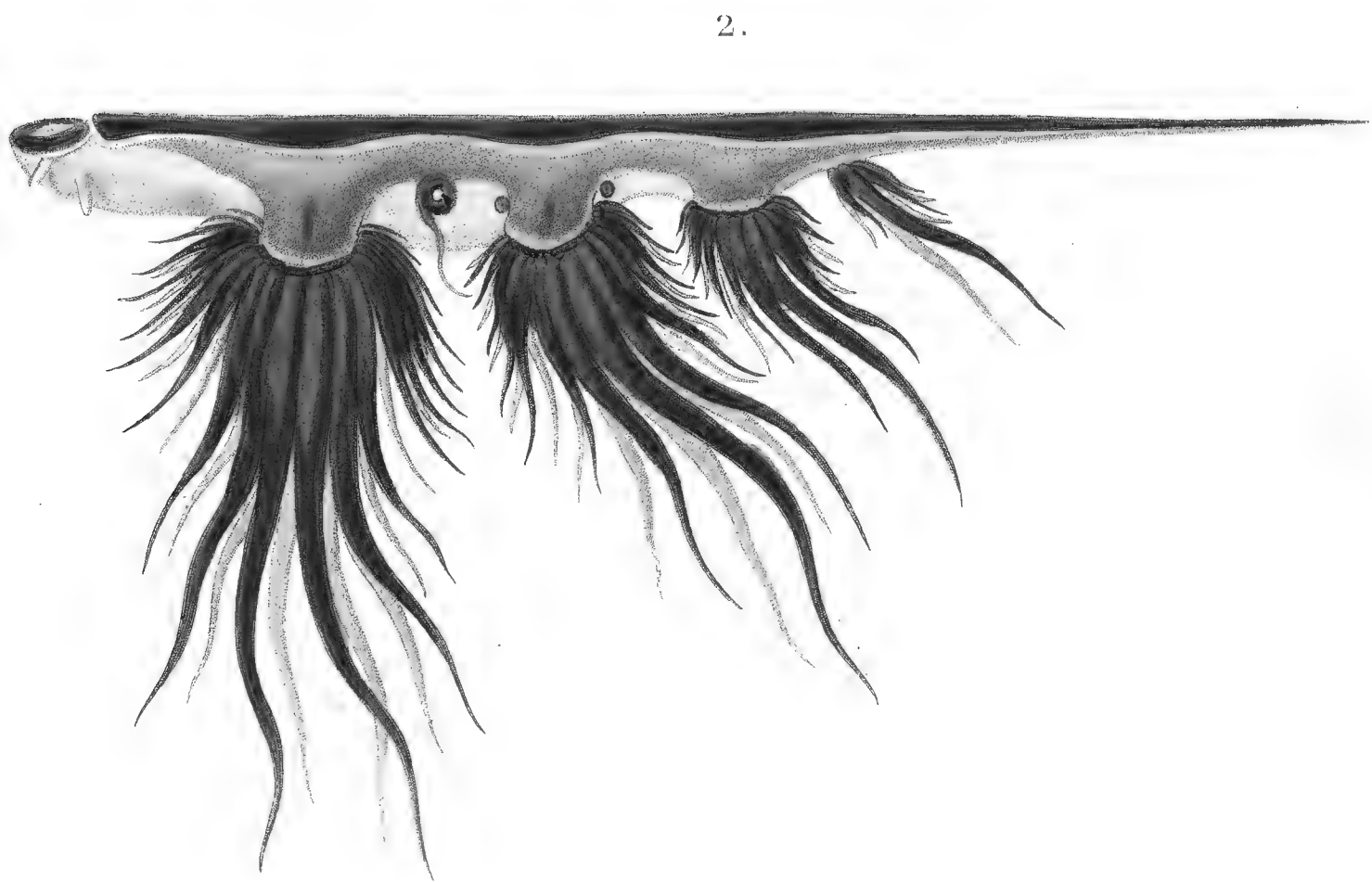
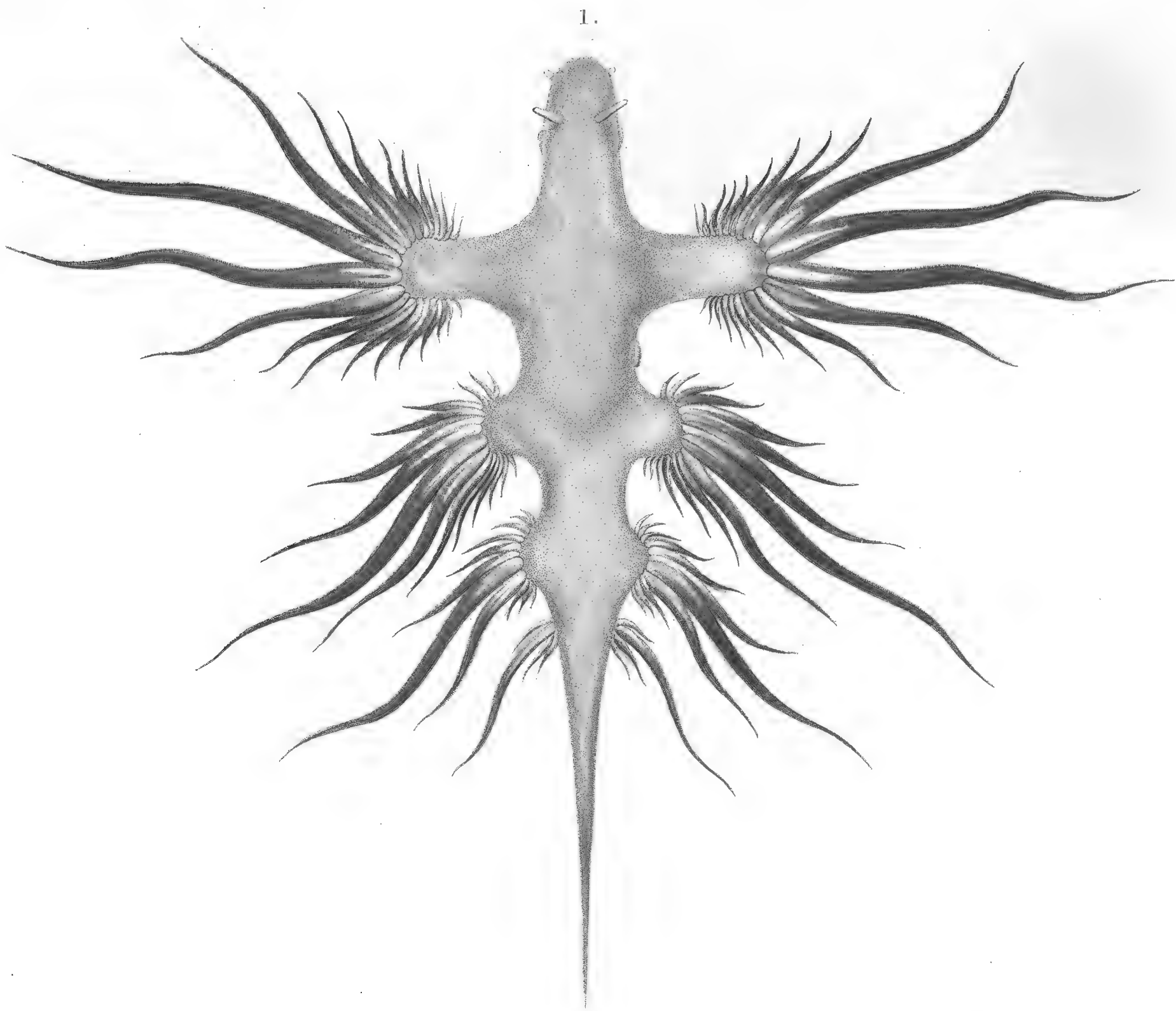
1-4. *Hyalaea gibbosa*, Rang. 5-8. *H. limbata*, d'Orbigny. 9-12. *H. labiata*, d'Orb. 13, 14. *Creseis sabula*, d'Orb. 15-17. *Helicophlegma Pindii*, d'Orb.

*Imp. de Rougemont.*









*Prêtre d'après d'Orbigny pinx.*

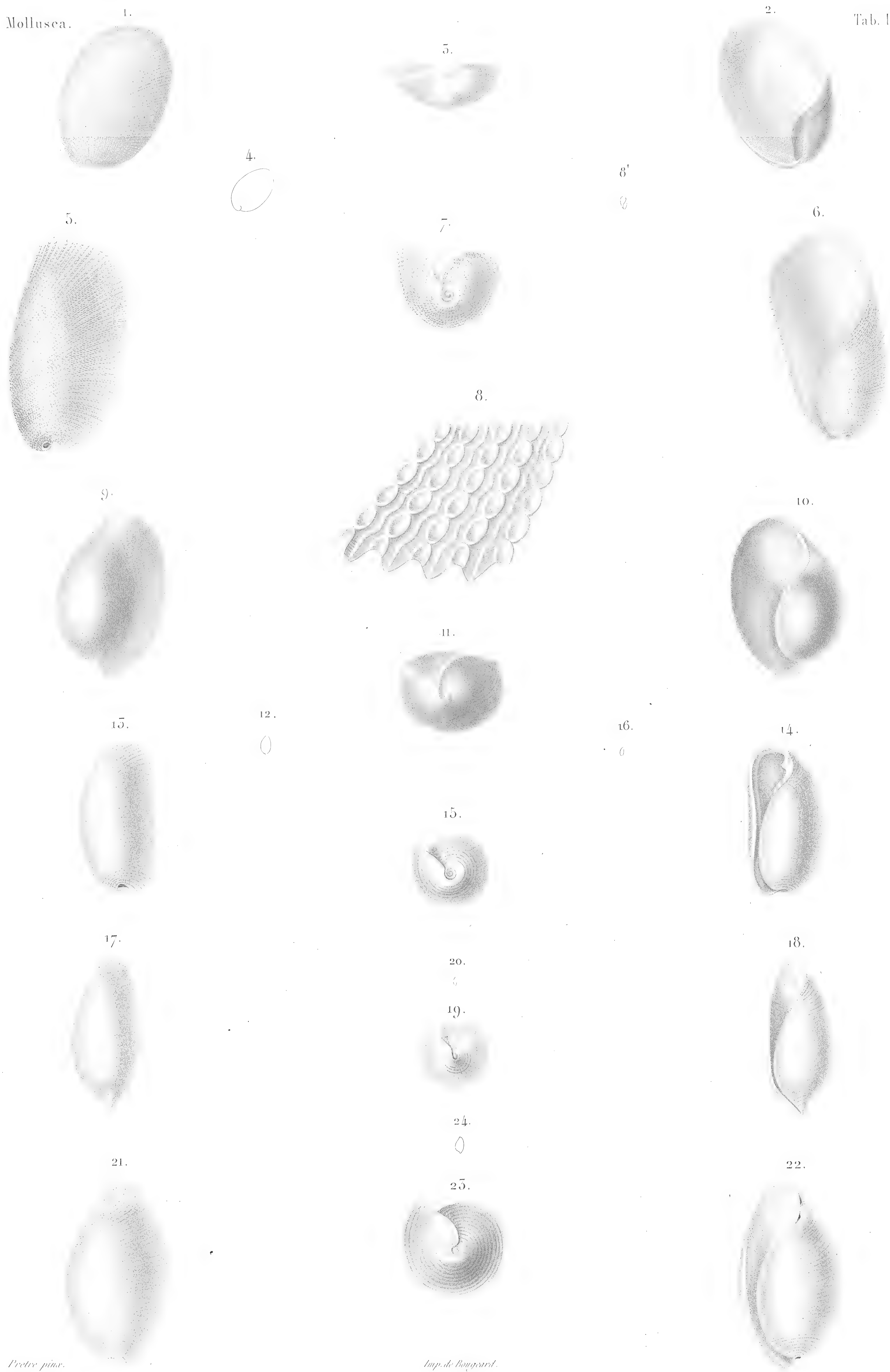
*Annedouche sc.*

*Glaucus radiatus, d'Orbigny.*

*Imp. de Boucard.*







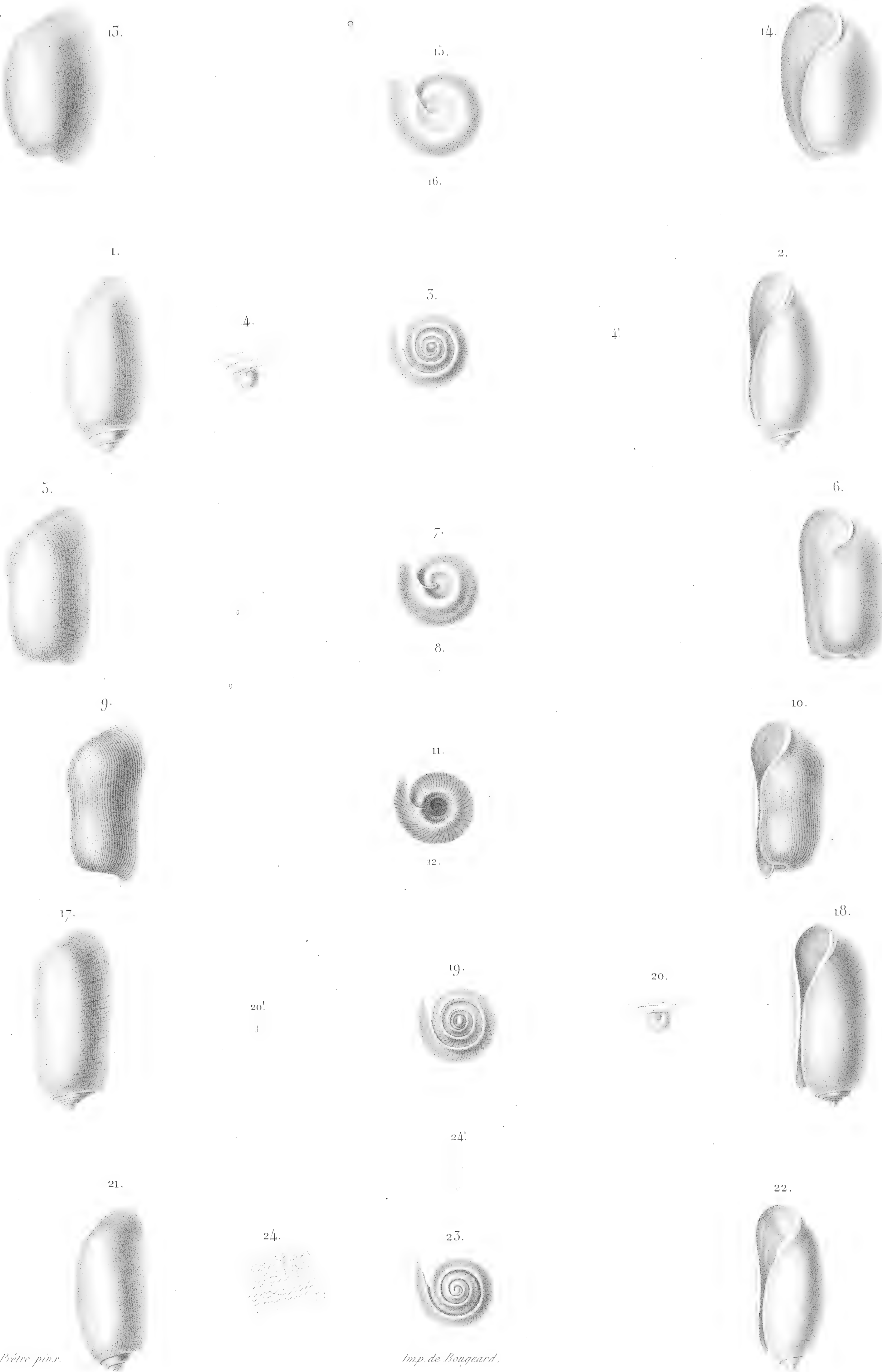
*Protre pinc.*

*Imp. de Bourgand.*

1 4. *Bulla Candiana*, d'Orb. 5 8. *Bulla Nigra*, d'Orb. 9 12. *B. antillarum*, d'Orb.  
 13 16. *Bulla bidentata*, d'Orb. 17 20. *B. acuta*, d'Orb. 21 24. *B. caribea*, d'Orb.







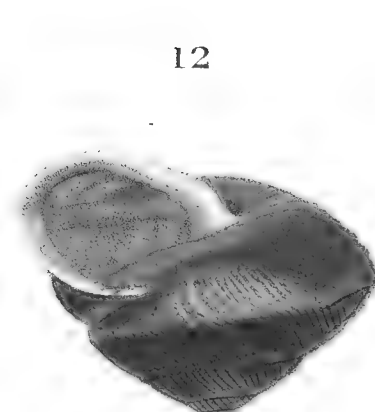
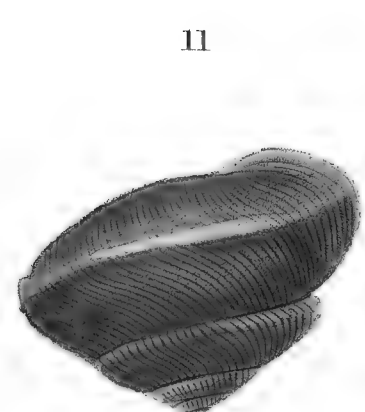
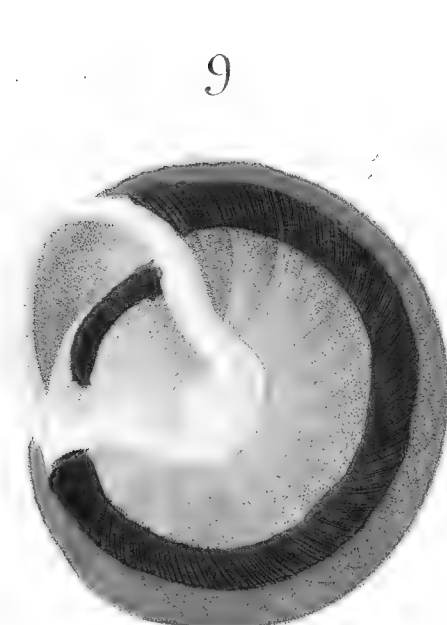
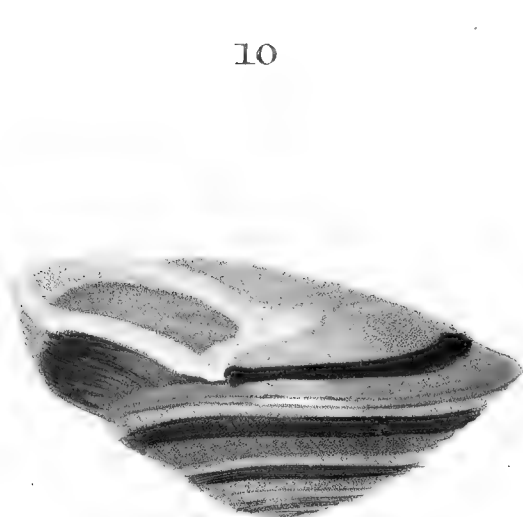
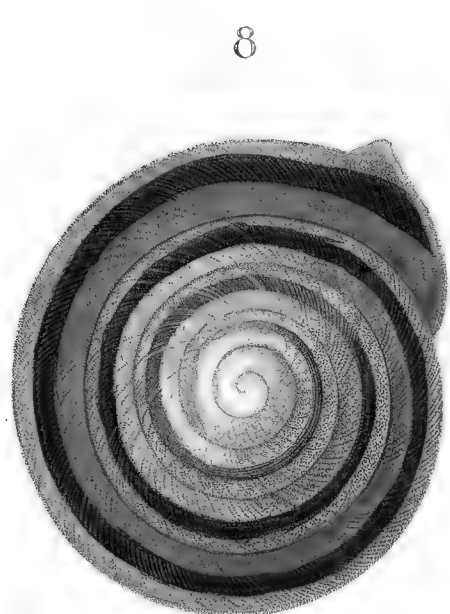
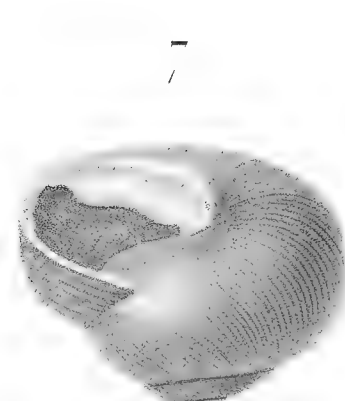
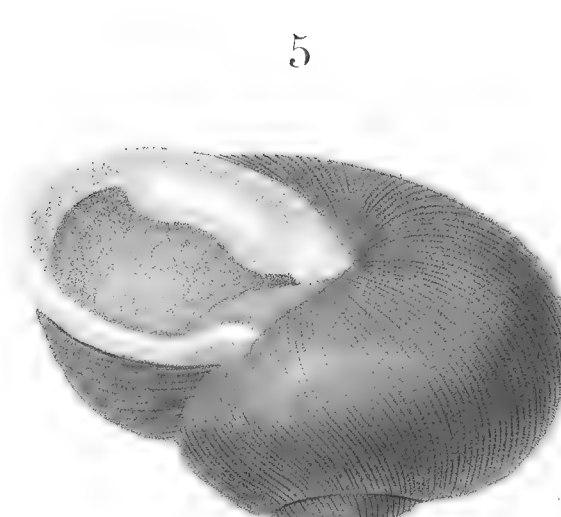
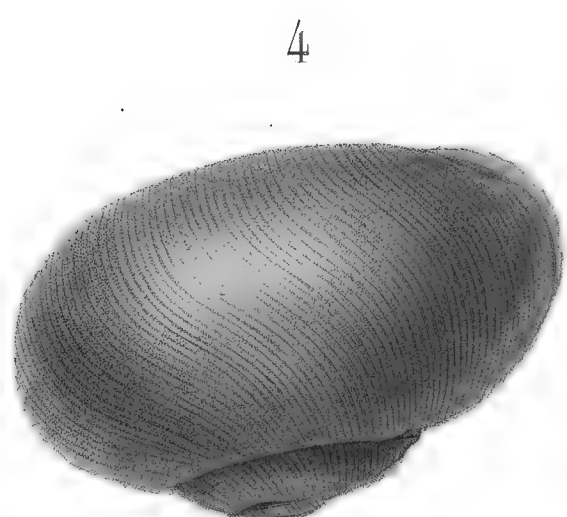
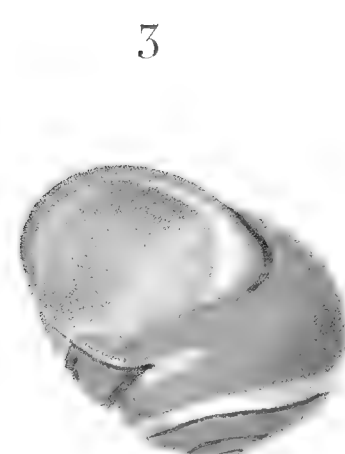
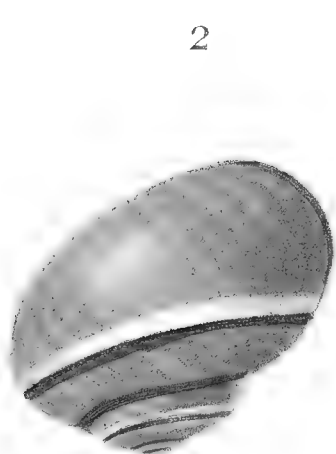
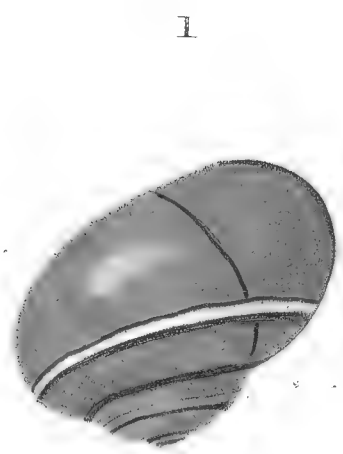
Prêtre pinx.

Imp. de Bougeard.

1-4. *Bulla Candei*, d'Orb.      5-8. *B. Aubertii*, d'Orb.      9-12. *B. subulata*, d'Orb.  
13-16. *Bulla Petiti*, d'Orb.      17-20. *B. recta*, d'Orb.      21-24. *B. canaliculata*, d'Orb.







Prêtre del.

Bougeard imp.

H. Legrand sc.

1-3. *Helix picta*, Born.

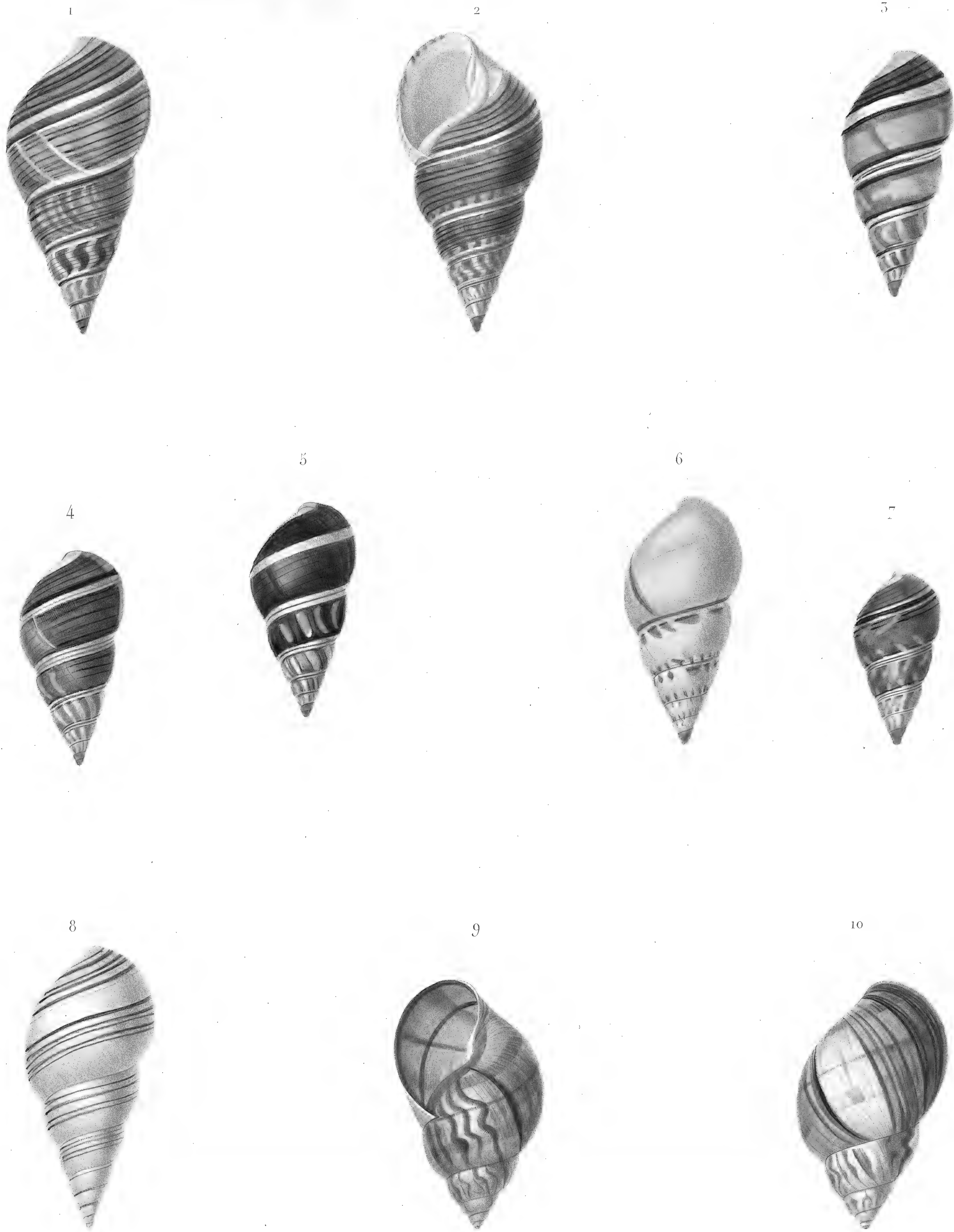
4-7. *H. auricoma*, Fer.

8-10. *H. marginatoides*, d'Orb.

11-13. *Helix Poeyi*, Petit.



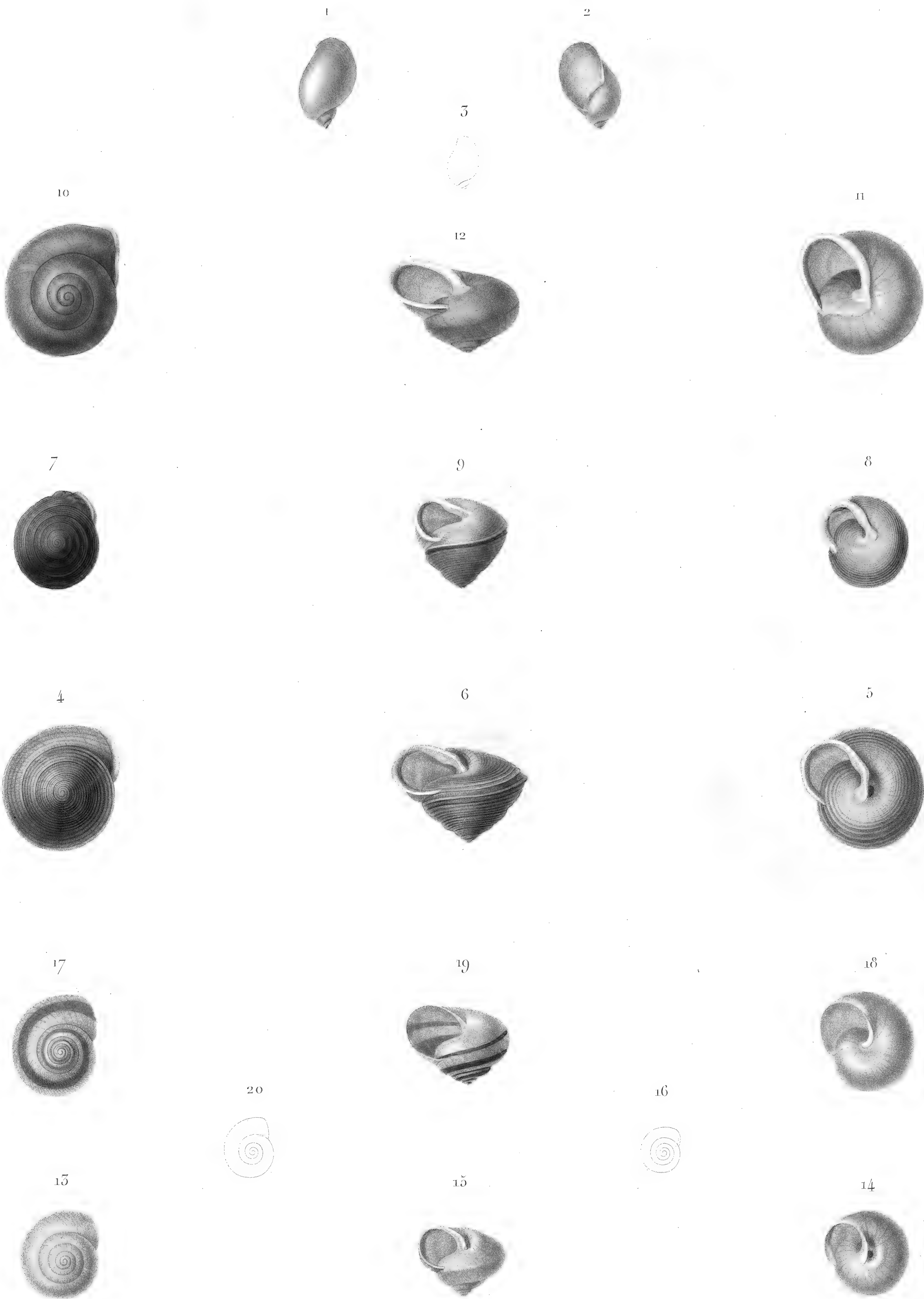




1-8. *Achatina fasciata*, Swainson. 9, 10. *Bulinus zebra*, d'Orb.







Prêtre del.

Bougard imp.

H. Legrand sc.

1-2-3. *Succinea Sagra*, d'Orb.

4-6. *Helix Sagraiana*, d'Orb.

7-9. *H. Parruciana*, d'Orb.

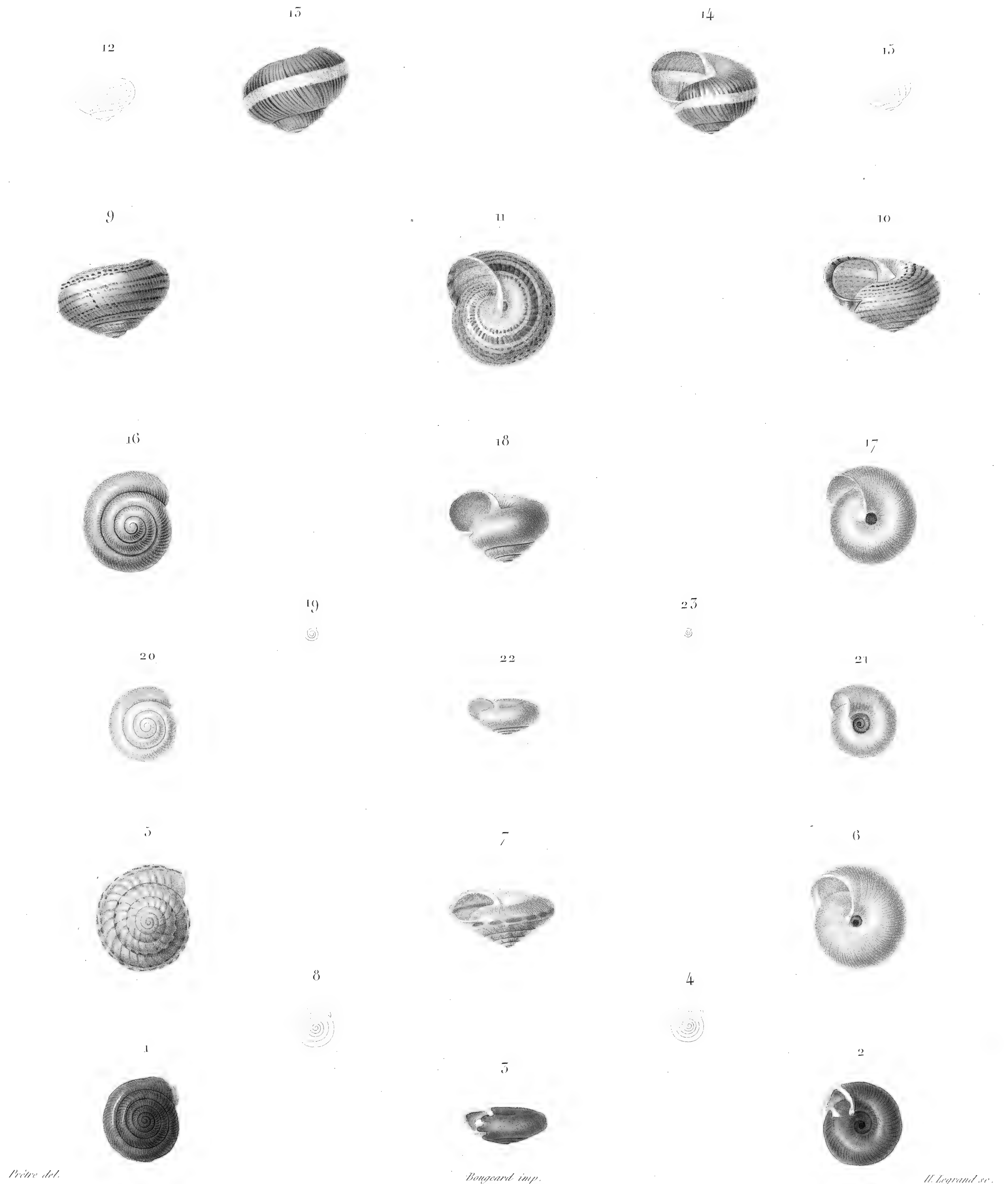
10-12. *H. Bonplandi*, Lamarck.

13-16. *H. tuberosa*, d'Orb.

17-20. *H. Lamiariana*, d'Orb.



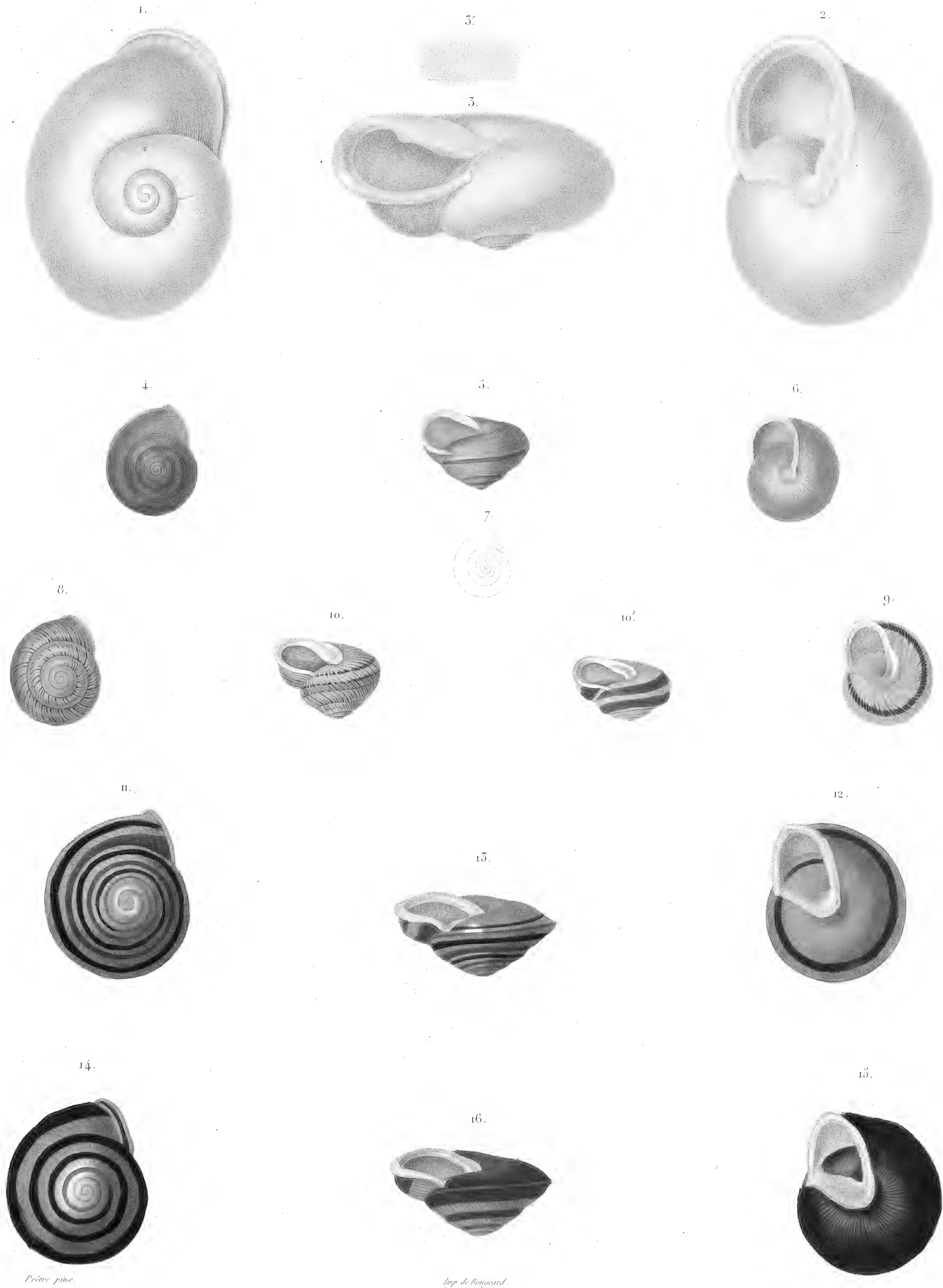




1 - 4. *Helix Ramondi*, d'Orb.      5 - 8. *H. pyramidaloides*, d'Orb.      9 - 15. *H. gilvus*, Fer.  
16 - 19. *H. Savallhana*, d'Orb.      20 - 26. *H. Mauriniana*, d'Orb.







*Prêtre pône.*

*Limp. de Bougeard.*

1-2, 3. *Helix Petitiiana*, d'Orb.

4-7. *H. circumtesta*, Ferussac.

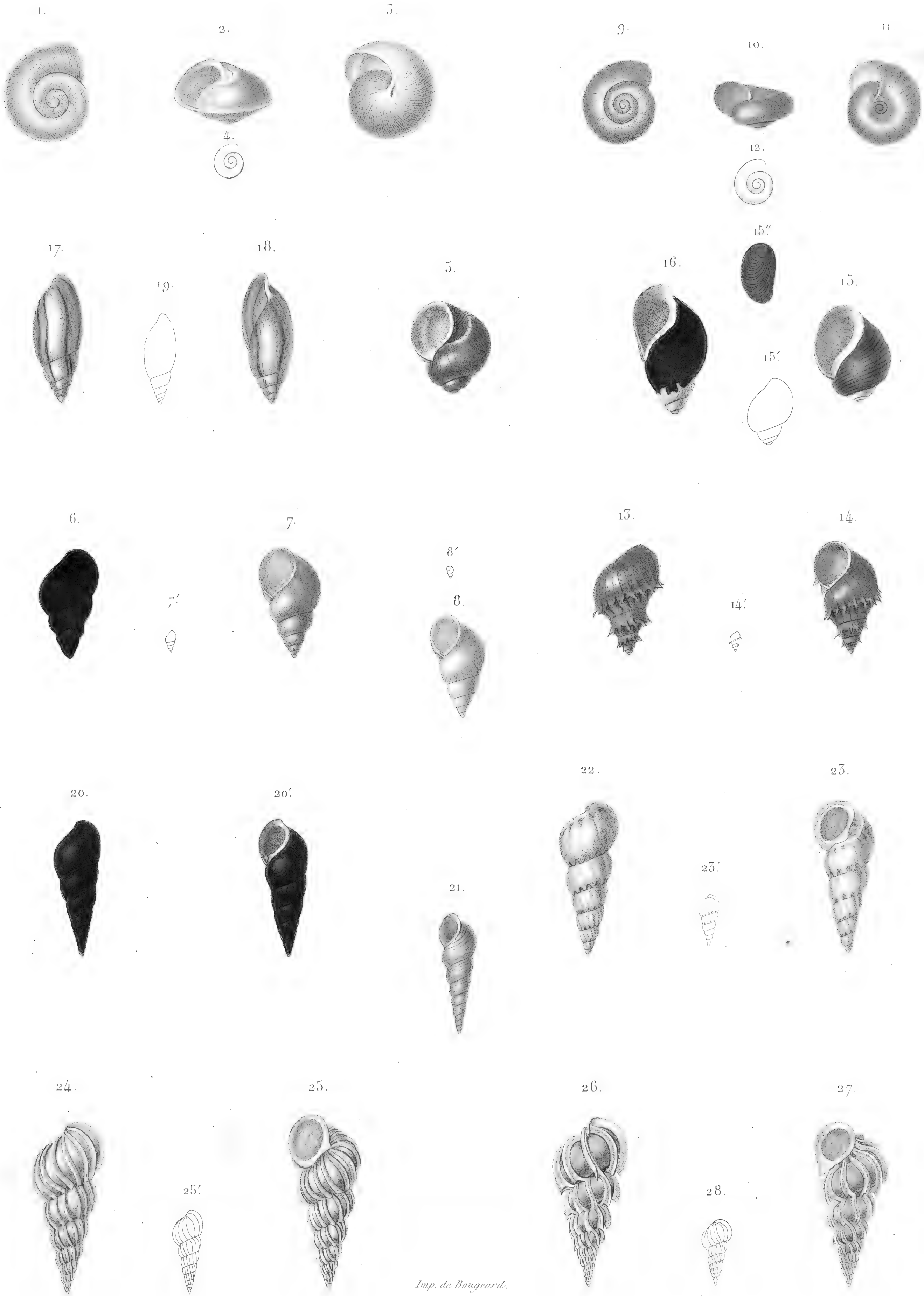
8-10. *H. alanda*, Ferussac.

11-13. *H. marginata*, Muller.

14-16. *H. marginelloides*, d'Orb.





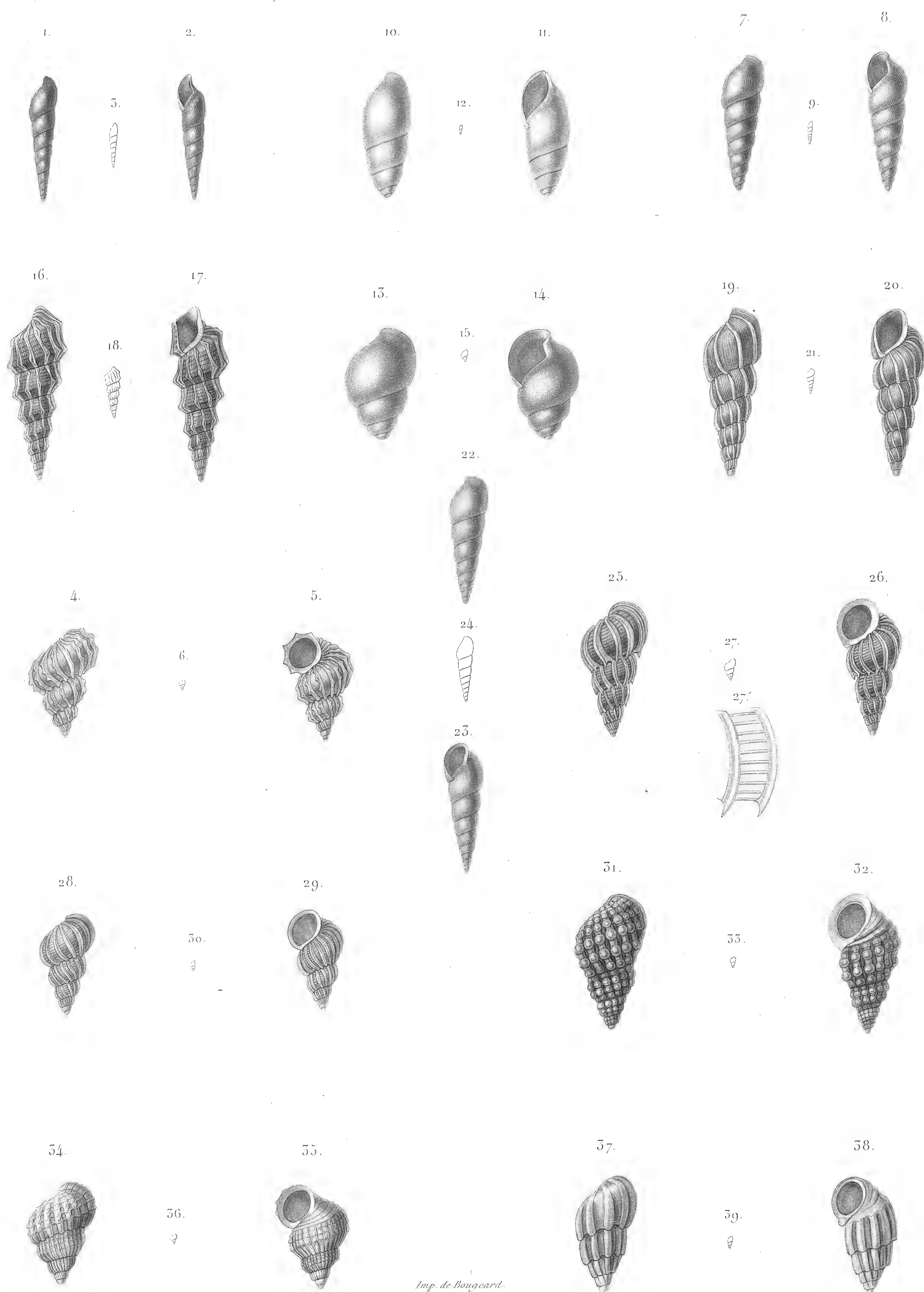


Imp. de Boucard.

- 1-4. *Helix pisanoides*, d'Orb. 5. *Paludina Bermendiana*, d'Orb. 6, 7. *Paludestrina tuberosa*, d'Orb.  
 8. *P. affinis*, d'Orb. 9-12. *Helix nitensoides*, d'Orb. 13, 14. *Paludestrina candana*, d'Orb. 15. *Melania brevis*, d'Orb.  
 16. *M. cubaniana*, d'Orb. 17-19. *Achatina cubaniana*, d'Orb. 20. *Melania conica*, d'Orb. 21. *Tarritella caribba*, d'Orb.  
 22, 23. *Scalaria Hostaspicriana*, d'Orb. 24, 25. *S. albida*, d'Orb. 26-28. *S. salicicosta*, d'Orb.





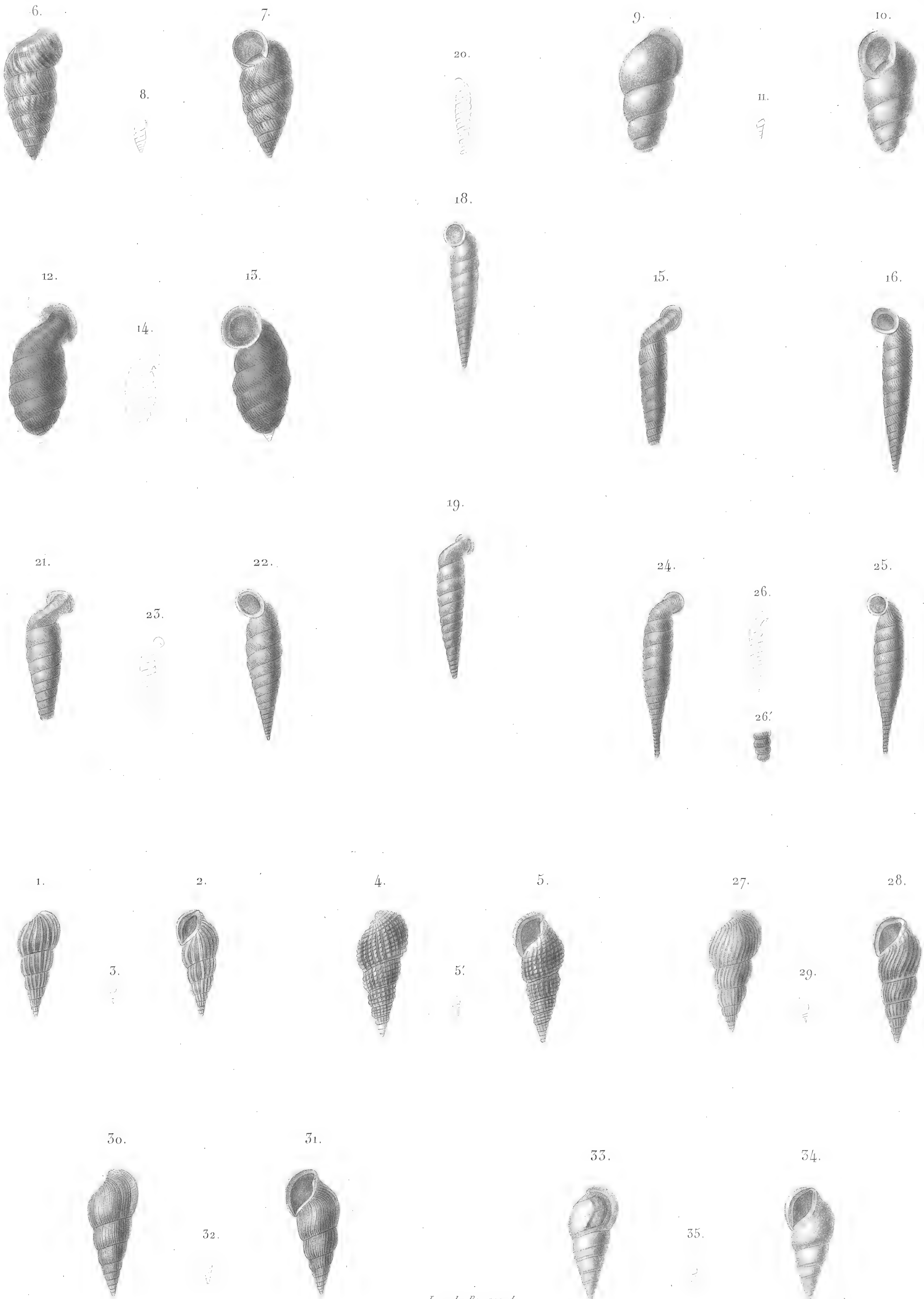


Imp. de Bougeard.

- 1-5. *Achatina subulatoidea*, d'Orb.      4-6. *Scalaria echinaticosta*, d'Orb.      7-9. *Achatina consobrina*, d'Orb.  
 10-12. *Achatina michaudiana*, d'Orb.      13-15. *A. paludinoidea*, d'Orb.      16-18. *Bulinus acuticostatus*, d'Orb.  
 19-21. *Bulinus striaticostatus*, d'Orb.      22-24. *B. octonoides*, d'Orb.      25-27. *Scalaria uncinaticosta*, d'Orb.  
 28-30. *L. caudana*, d'Orb.      31-33. *Rissoa caribaea*, d'Orb.      34-36. *R. tuberosa*, d'Orb.      37-39. *R. gradata*, d'Orb.



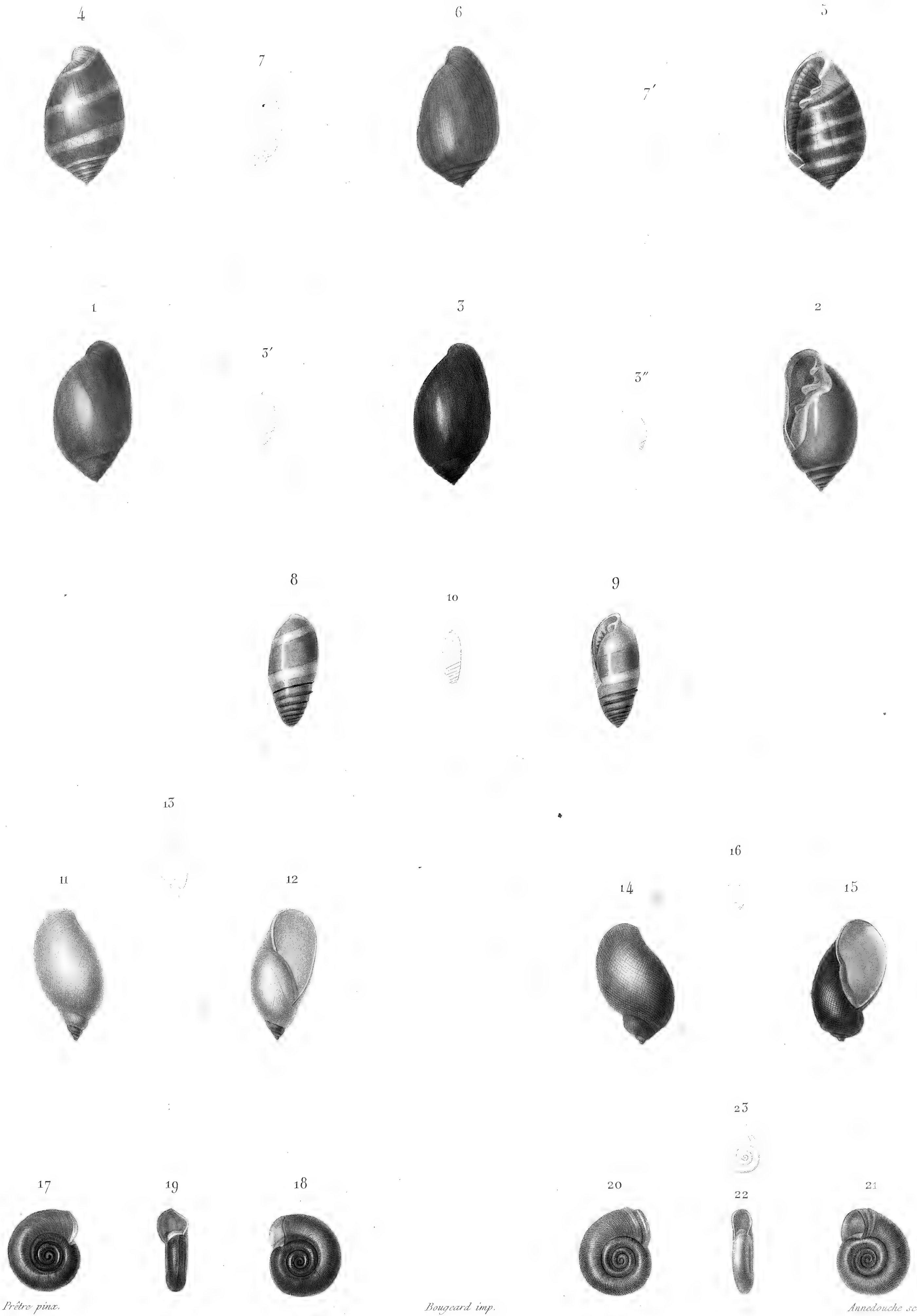




Imp. de Bourcard.

- 1-3. *Rissoina Calostyana*, d'Orb.    4-5. *R. Sagra*, d'Orb.    6-8. *Pupa Petitiana*, d'Orb.  
 9-10. *P. Sarraiana*, d'Orb.    12-14. *P. brevis*, d'Orb.    15-17. *P. Oviedo*, d'Orb.    18-20. *P. Cavallana*, d'Orb.  
 21-23. *P. Huberiana*, d'Orb.    24-26. *P. Poana*, d'Orb.    27-29. *Rissoina elegantissima*, d'Orb.  
 30-32. *R. striaticostata*, d'Orb.    33-35. *R. Bourniana*, d'Orb.

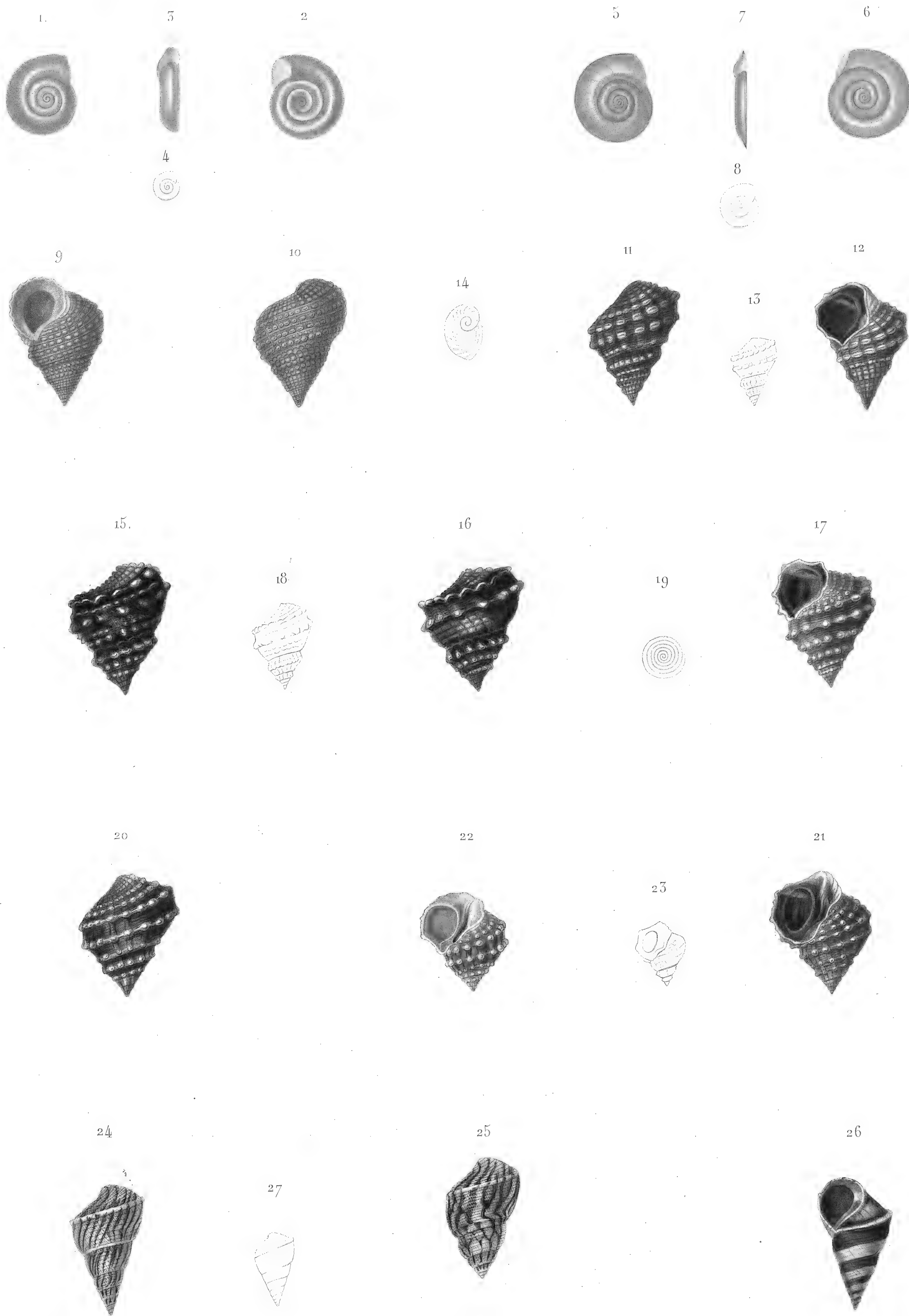




<sup>4-7</sup><sub>1-3</sub>. *Auricula coniformis*, Fer. <sup>4-7</sup><sub>4-7</sub>. *A. ovula*, Fer. 8-10. *A. oliva*, d'Orb. 11-13. *Physa Sowerbiana*, d'Orb.  
 14-16. *P. striata*, d'Orb. 17-19. *Planorbis caribaeus*, d'Orb. 20-23. *P. Ferverianus*, d'Orb.







Prêtre pinx.

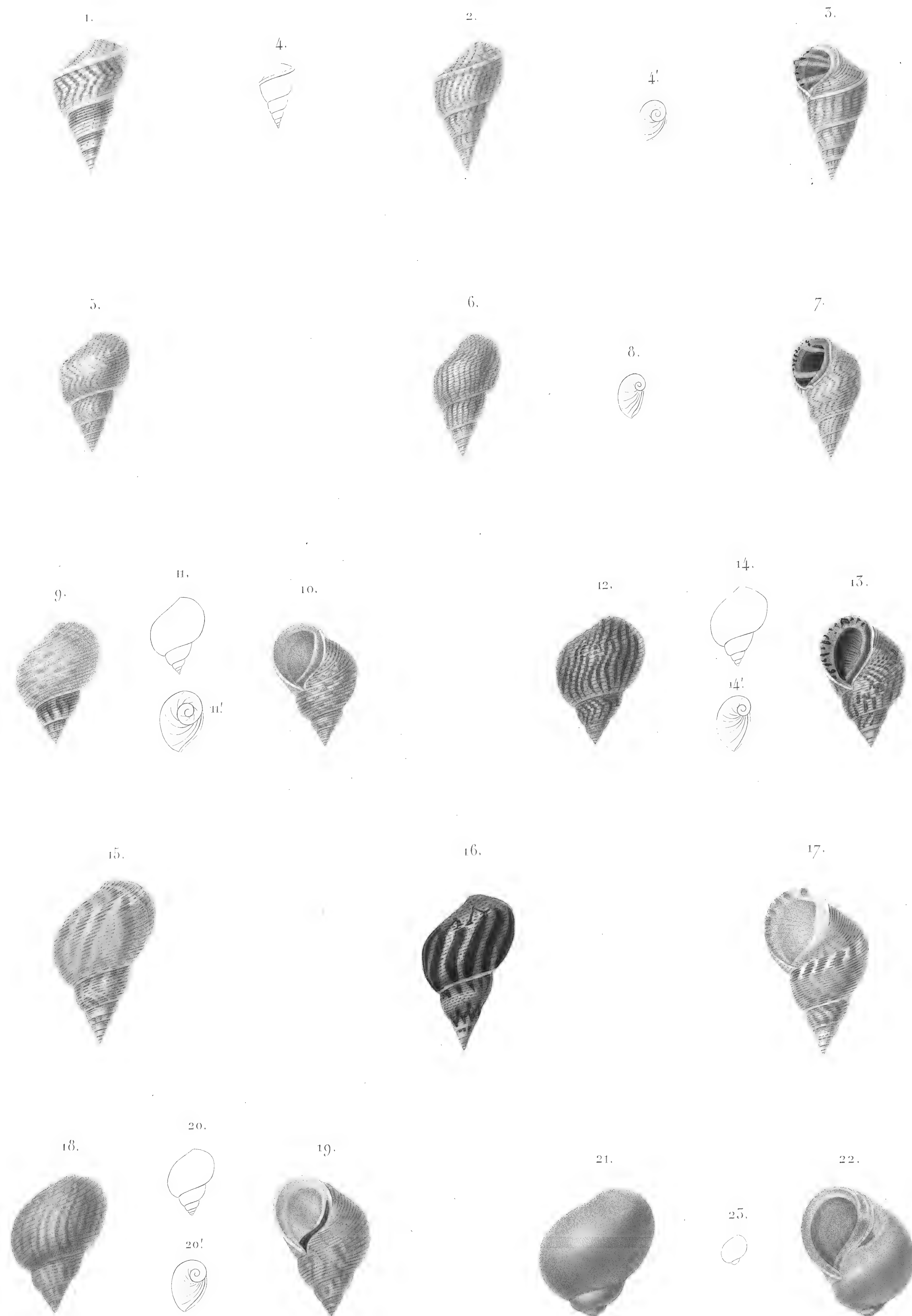
Bougeard imp.

Annodouche sc.

1-4. *Planorbis Lanierianus*, d'Orb. 5-8. *P. pultratus*, d'Orb. 9-10. *Littorina muricata*, d'Orb.  
 11-14. *L. nodulosa*, d'Orb. 15-19. *L. tuberculata*, d'Orb. 20-23. *L. dilatata*, d'Orb. 24-27. *L. lineata*, d'Orb.



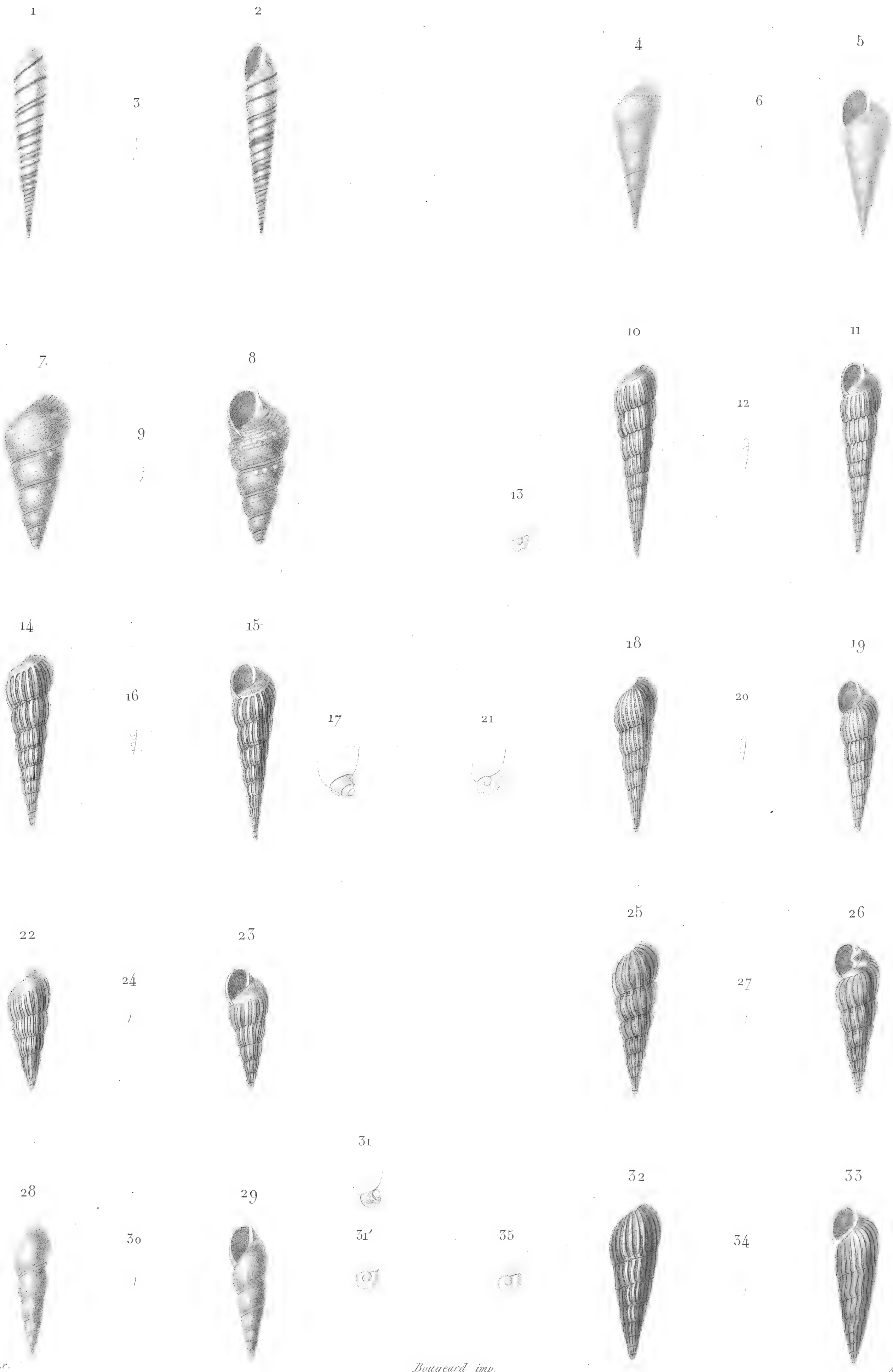




*Littorina puer.*

1-4. *Littorina carinata*, d'Orb. 5-8. *L. zigzag*, d'Orb. 9-11. *L. tigrina*, d'Orb.  
 12-14. *L. undulata*, d'Orb. 15-17. *L. scabra*, d'Orb. 18-20. *L. columellaris* 21-25. *L. naticoides*, d'Orb.





Prêtre pin.

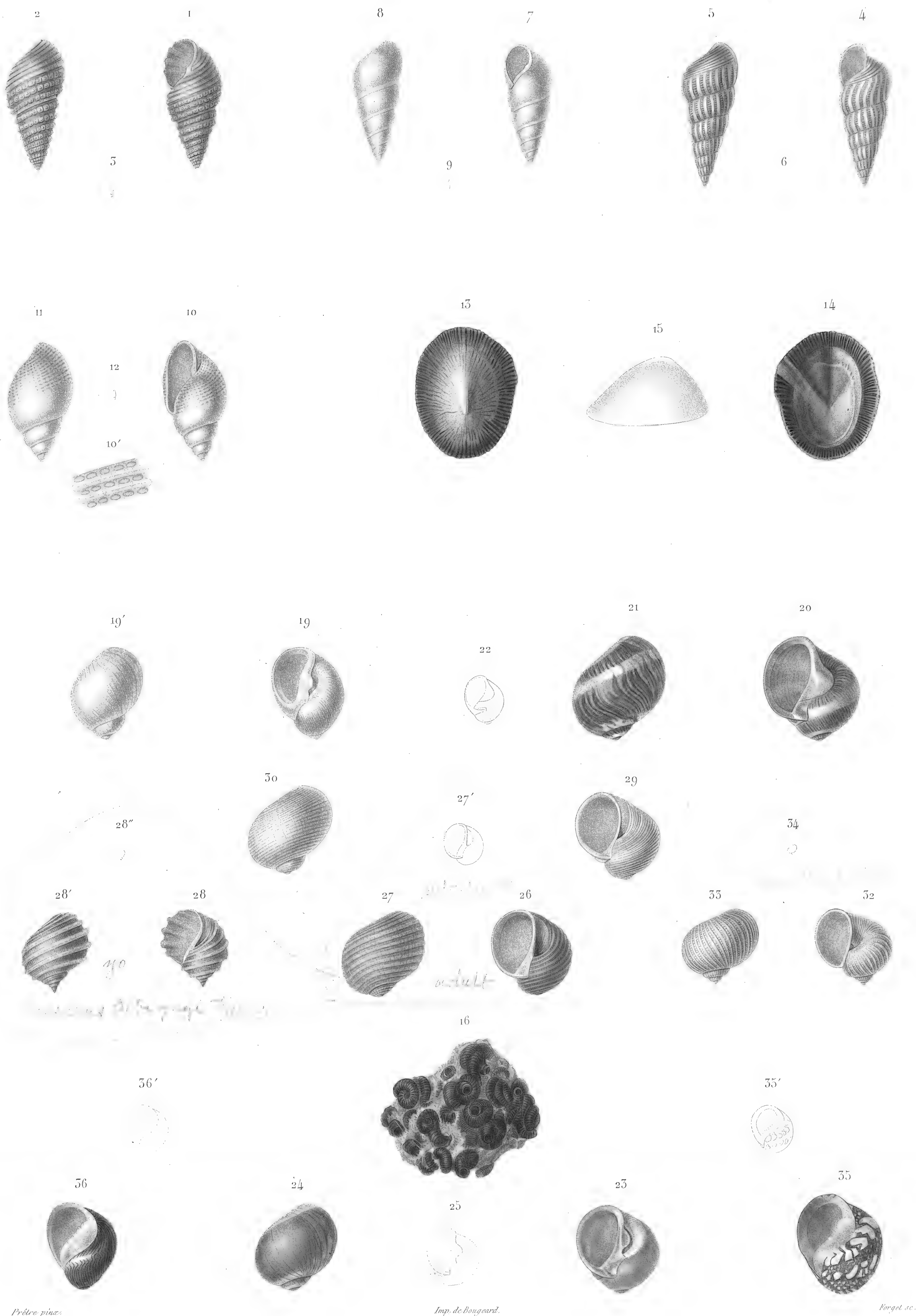
Bougard imp.

Annelouche sc.

1-3. *Eulima bifasciata*, d'Orb. 4-6. *E. subcarinata*, d'Orb. 7-9. *E. incerta*, d'Orb.  
 10-13. *Chemnitzia turris*, d'Orb. 14-17. *C. pulchella*, d'Orb. 18-21. *C. ornata*, d'Orb. 22-24. *C. modesta*, d'Orb.  
 25-27. *C. elegans*, d'Orb. 28-31. *C. simplex*, d'Orb. 32-35. *C. pupoides*, d'Orb.







- 1 - 3. *Chemnitzia cancellata*, d'Orb.      4 - 6. *Chemnitzia dubia*, d'Orb.      7 - 9. *Chemnitzia lavigata*, d'Orb.  
 10 - 12. *Tornatella punctata*, d'Orb.      13 - 15. *Siphonaria lineolata*, d'Orb.      16. *Vermetas irregularis*, d'Orb.  
 19. *Natica uberina*, d'Orb.      20 - 22. *N. Sagrariana*, d'Orb.      23 - 25. *N. lacernula*, d'Orb.      26 - 28. *Natica sulcata*, d'Orb.  
 29, 30. *Natica striata*, d'Orb.      32 - 34. *N. lamellisa*, d'Orb.      35. *Veritina tristis*, d'Orb.      36. *N. microstoma*, d'Orb.





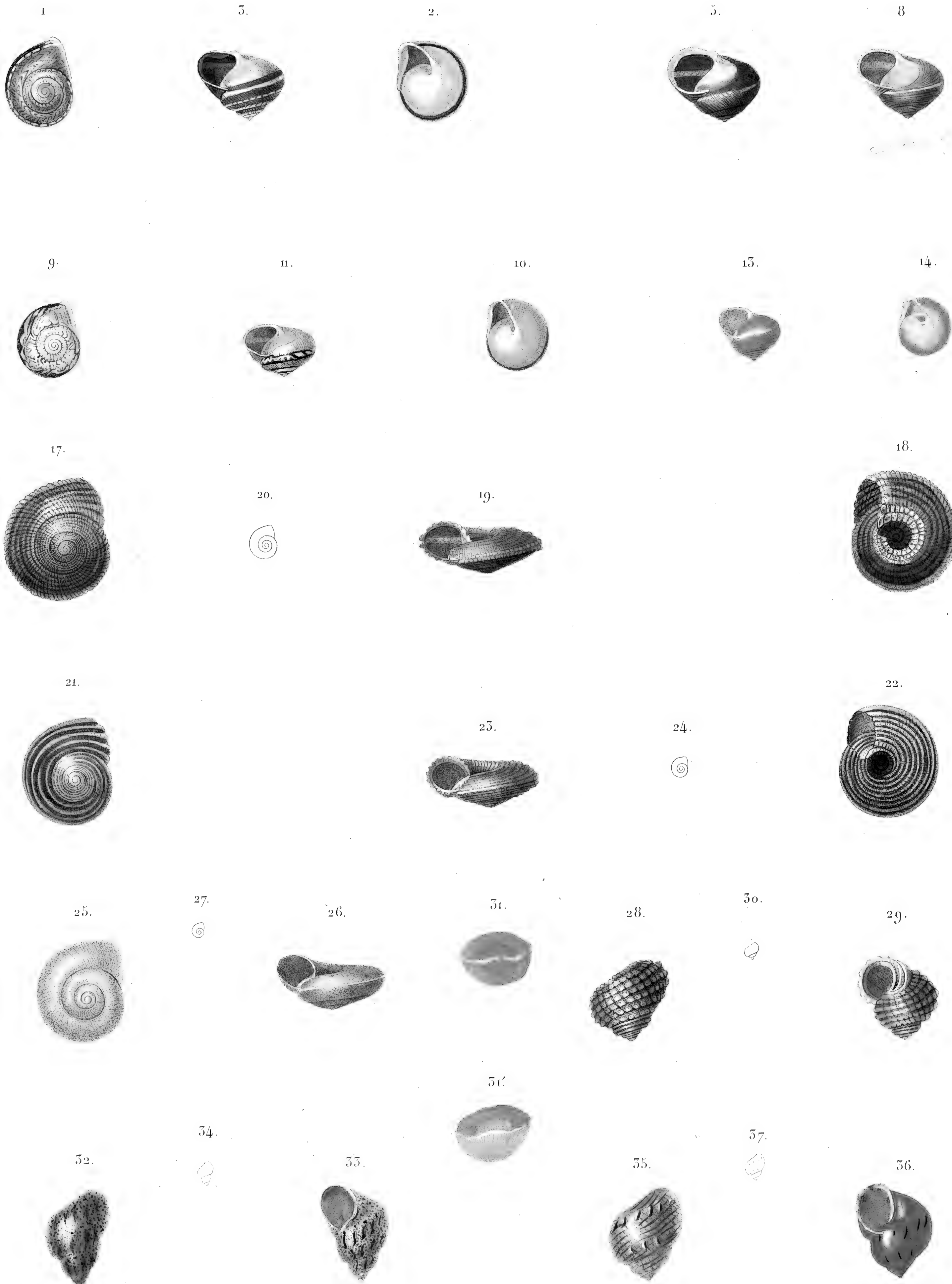


Prêtre pinx.

J. Thomas sc.

1-5. *Vermetus corvidens*, d'Orb. 4-7. *Odontostoma depresso*, d'Orb. 8-11. *C. globulosa*, d'Orb. 12, 13. *Helicina Sagraiana*, d'Orb.  
 14-17. *Trochus Holopsirianus*, d'Orb. 18, 19. *T. canaliculatus*, d'Orb. 20-22. *Rotella semistriata*, d'Orb. 23-25. *R. diaphana*, d'Orb.  
 26-28. *Rotella carinata*, d'Orb. 29-31. *R. striata*, d'Orb. 32-34. *R. anomala*, d'Orb.





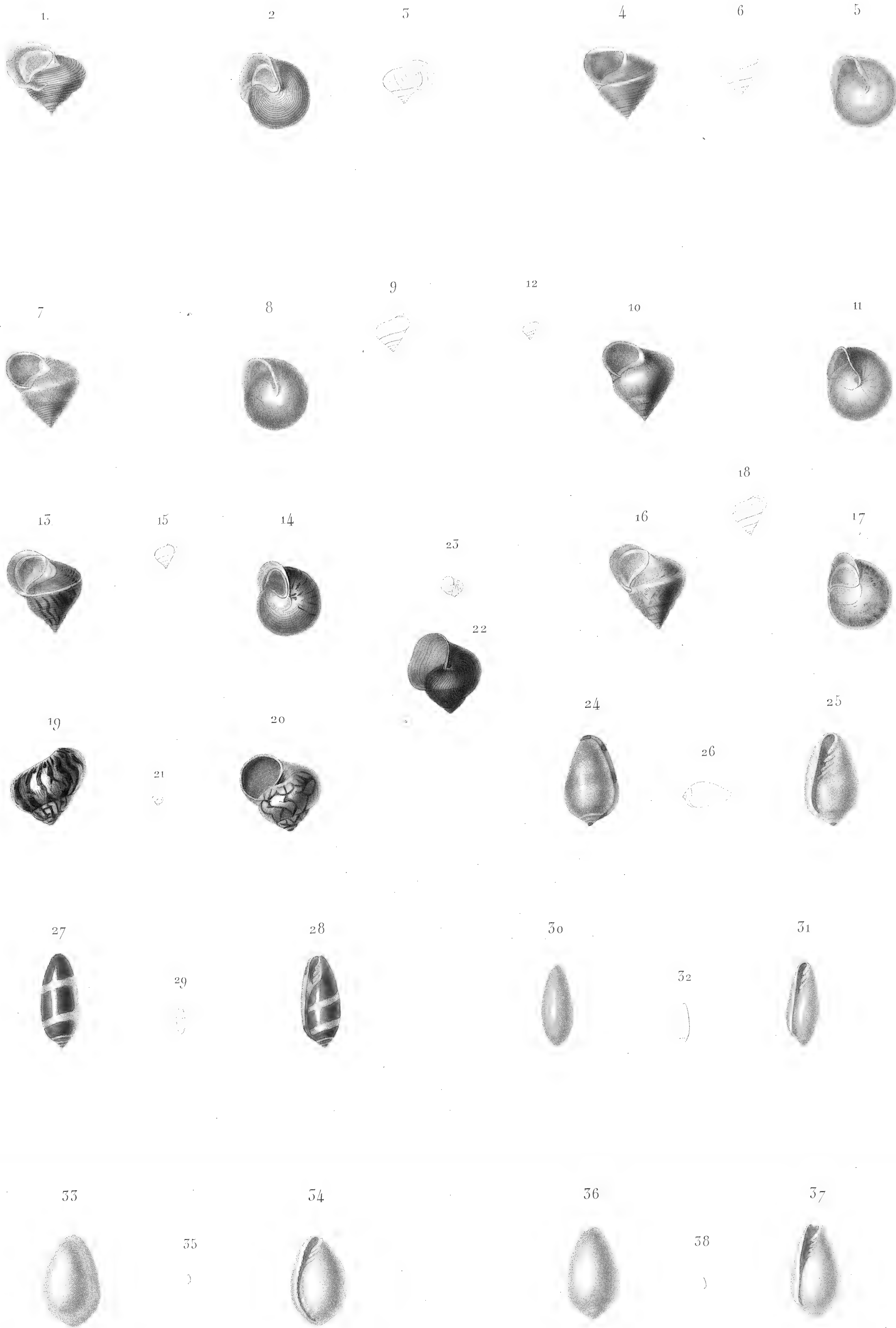
Prêtre pinx.

Imp. de Bougeard.

- 1-5. *Helicina variegata*, d'Orb. 5. *H. crassa*, d'Orb. 7. *H. submarginata*, Gray. 9-11. *H. marmorata*, d'Orb.  
 13, 14. *H. Janicriana*, d'Orb. 17-20. *Solarium bisulcatum*, d'Orb. 21-24. *S. dolphinalvites*, d'Orb. 25-27. *S. inornatum*, d'Orb.  
 28-30. *Dolphinula tuberculata*, d'Orb. 31. *Phorus conchyliophorus*, Montfort. 32-34. *Phasianella umbilicata*, d'Orb.  
 35-37. *Phasianella zebrina*, d'Orb.







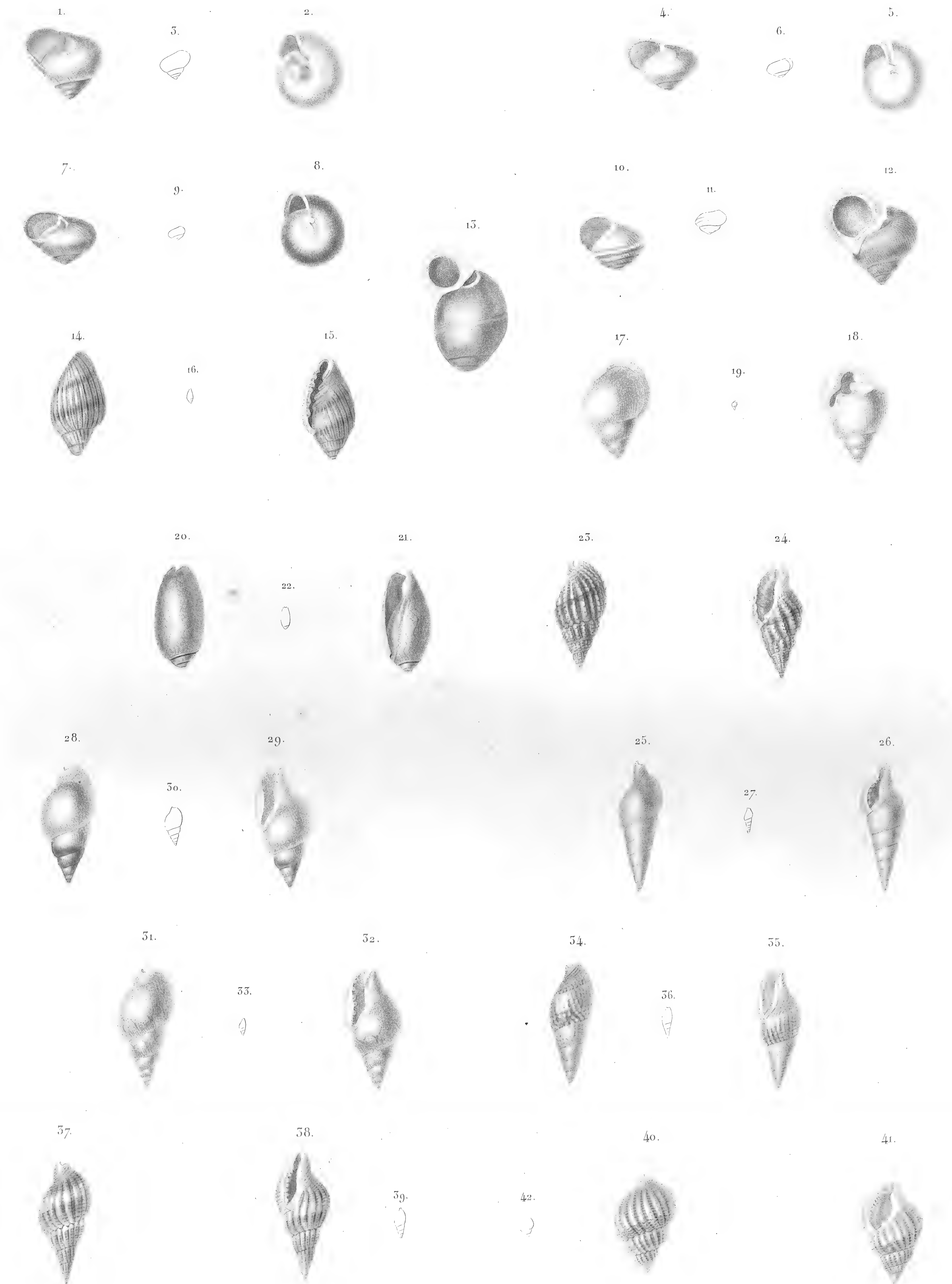
Prêtre pins.

Bougeard imp.

Annelouche sc.

- 1-3. *Helicina Petitianna*, d'Orb. 4-6. *H. Moanii*, d'Orb. 7-9. *H. conica*, d'Orb. 10-12. *H. trochulina*, d'Orb.  
 13-15. *H. elegans*, d'Orb. 16-18. *H. elongata*, d'Orb. 19-21. *Phasianella brevis*, d'Orb. 22-25. *Tanthena* =  
*umbilicata*, d'Orb. 24-26. *Marginella caribaea*, d'Orb. 27-29. *M. albolineata*, d'Orb. 30-32. *M. <sup>214</sup>triplicata*, d'Orb.  
 33-35. *M. coniformis*, d'Orb. 36-38. *M. Lavalleana*, d'Orb.





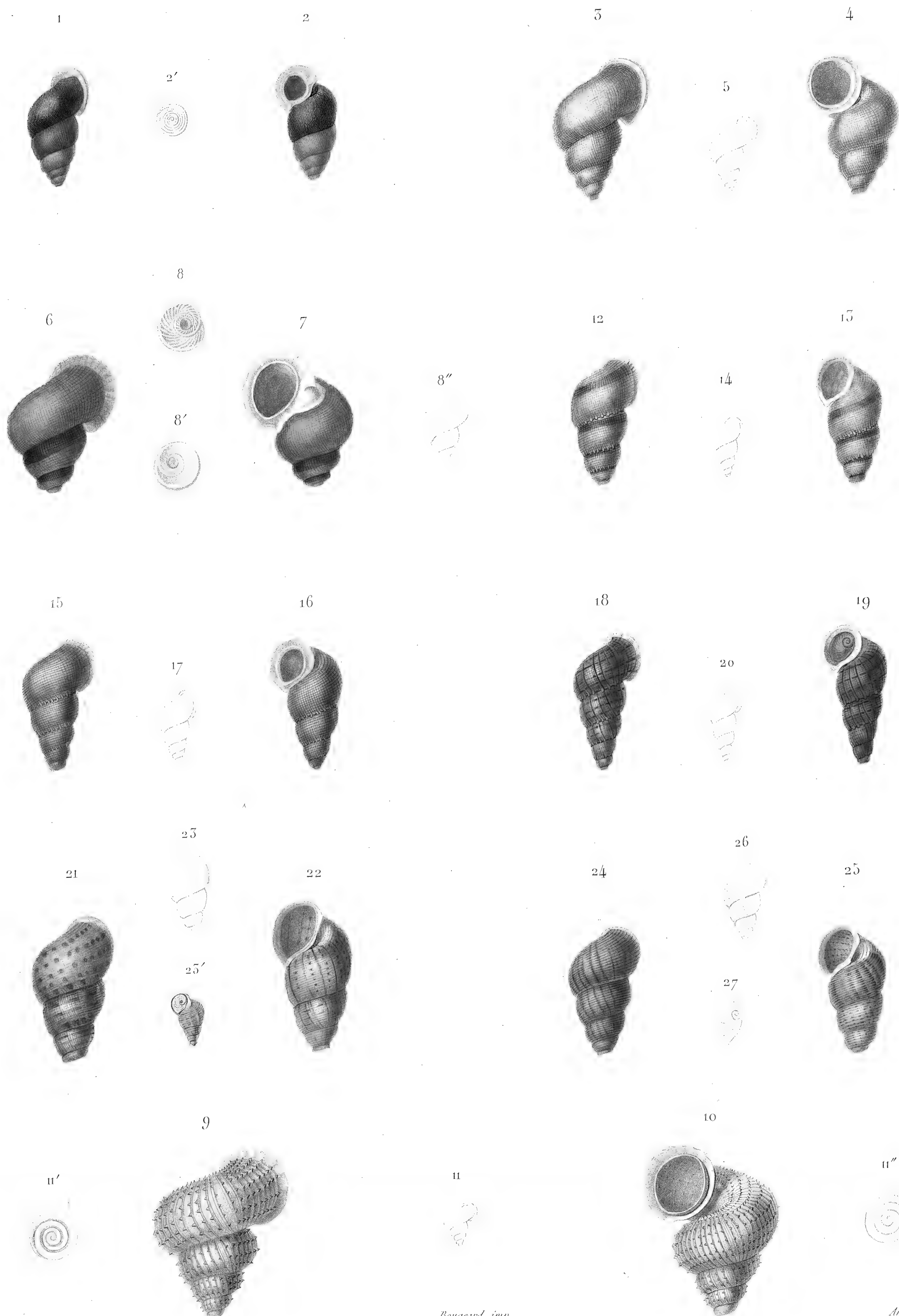
Profr. pinar

Imp. de bougard.

1 - 5. *Helicina rotunda*, d'Orb. 4 - 6. *H. dentigera*, d'Orb. 7 - 9. *H. minima*, d'Orb. 10 - 11. *H. globulosa*, d'Orb.  
12. *Cyclostoma latilabris*, d'Orb. 13. *C. ventricosa*, d'Orb. 14 - 16. *Marginella sulcata*, d'Orb. 17 - 19. *Ringicula semistriata*, d'Orb.  
20 - 22. *Olivina micola*, d'Orb. 23 - 24. *Cancellaria Candiana*, d'Orb. 25 - 27. *Columbella fusiformis*, d'Orb. 28 - 30. *Columbella Sagra*, d'Orb.  
31 - 33. *C. Duclosiana*, d'Orb. 34 - 36. *C. ocellata*, d'Orb. 37 - 39. *C. Hotepsiuriana*, d'Orb. 40 - 42. *Nassa Hotepsiuriana*, d'Orb.







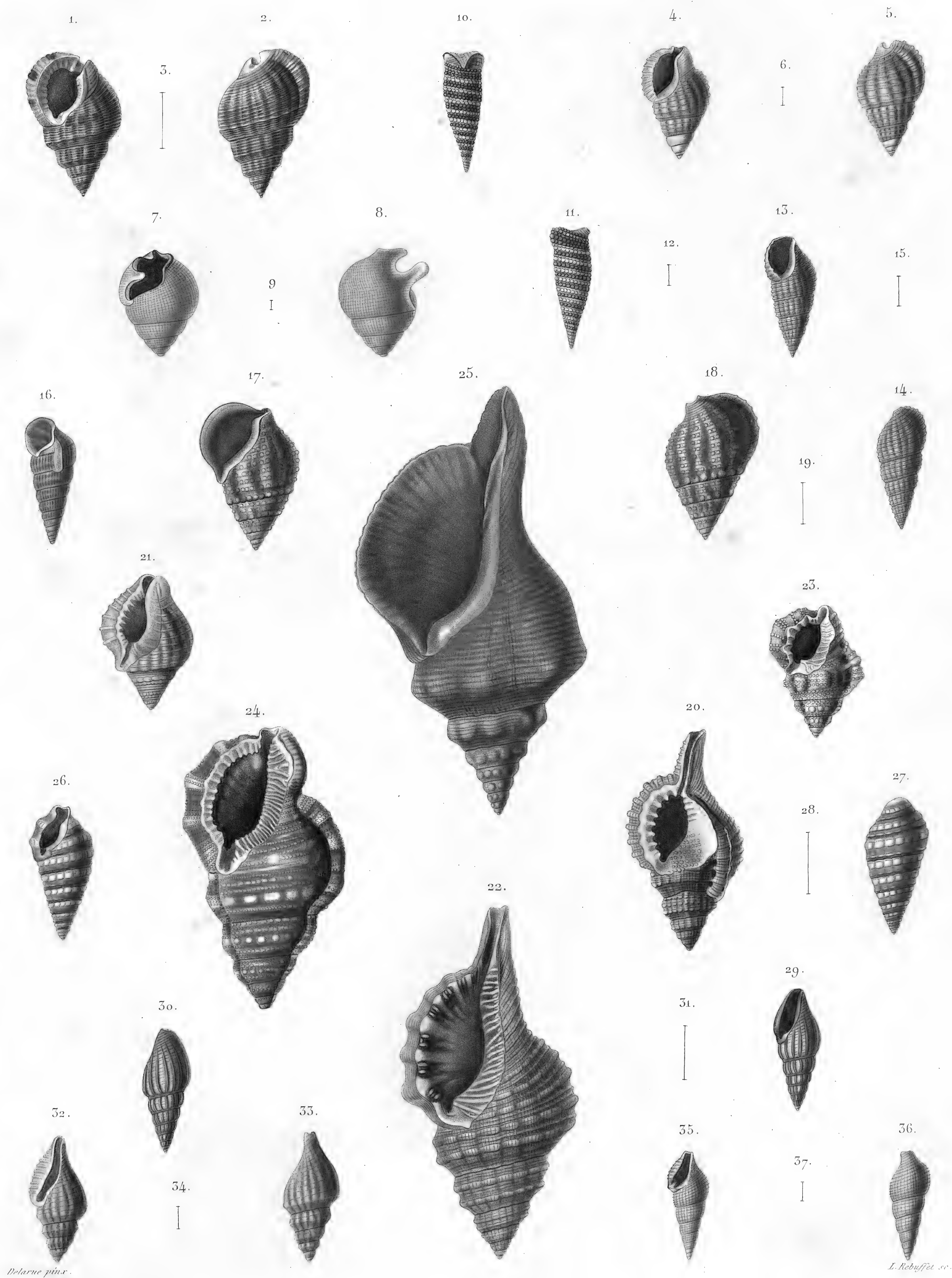
Prêtre pinx.

Bougeard imp.

Annedouche sc.

1-2. *Cyclostoma auriculata*, d'Orb. 3-5. *C. bilabiata*, d'Orb. 6-8. *C. pudica*, d'Orb. 9-11. *C. Pretrei*, d'Orb.  
 12-14. *C. Auberiana*, d'Orb. 15-17. *C. Candiana*, d'Orb. 18-20. *C. Dutertreana*, d'Orb. 21-23. *C. Sagra*, d'Orb.  
 24-27. *C. Pocyana*, d'Orb.





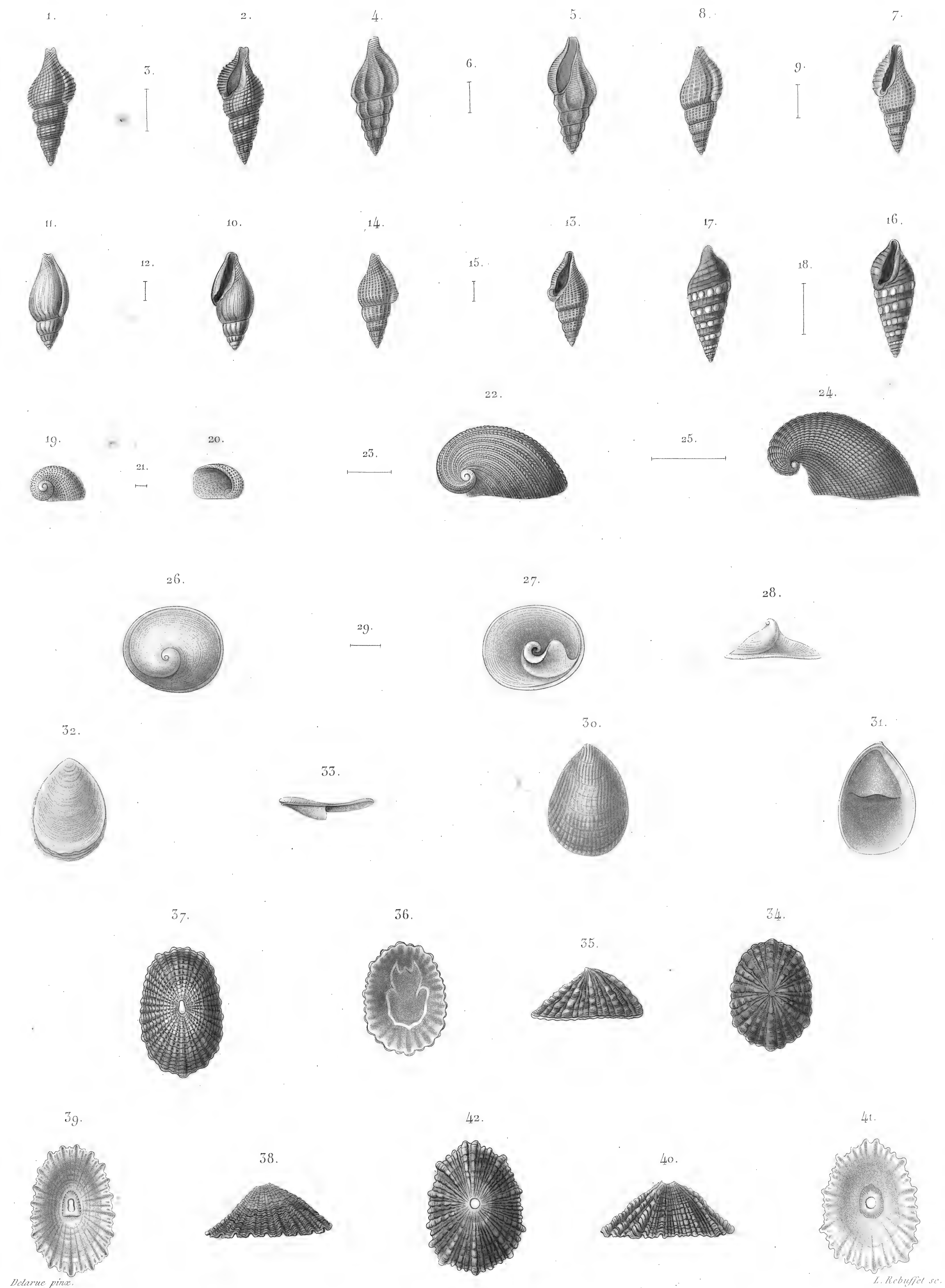
Dolarus pinct.

L. Rebuffet. sc.

- 1-3. *Nassa Antillarum*, d'Orb.    4-6. *N. Candei*, d'Orb.    7-9. *Sinusigera cancellata*, d'Orb.  
 10-12. *Corithium turris-thomæ*, d'Orb.    13-15. *C. columellare*, d'Orb.    16. *C. Lavalleanum*, d'Orb.    17-19. *C. Sagræ*, d'Orb.  
 20. *Triton Antillarum*, d'Orb.    21. *T. caribæum*, d'Orb.    22. *T. Americanum*, d'Orb.    23. *Ranella Thomæ*, d'Orb.  
 24. *R. cubaniana*, d'Orb.    25. *Fusciolaria gigantea*, d'Orb.    26-28. *Pleurotoma ornata*, d'Orb.    29-31. *P. luctuosa*, d'Orb.  
 32-34. *P. caribæa*, d'Orb.    35-37. *P. elatior*, d'Orb.





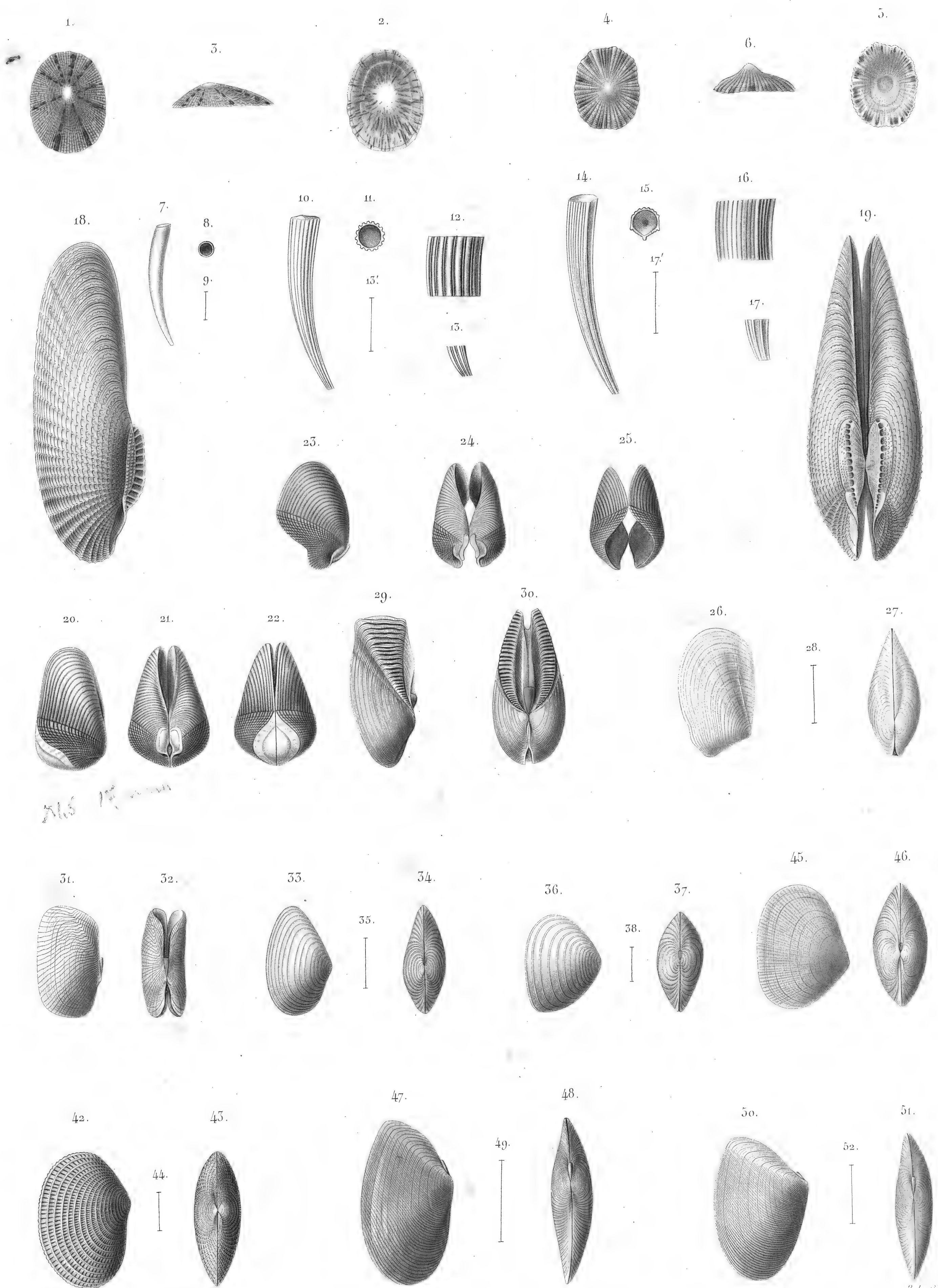


Delarue pinx.

L. Rebuffet sc.

- 1-3. *Pleurotoma Antillarum*, d'Orb. 4-6. *P. Aubertiana*, d'Orb. 7-9. *P. Lavalleana*, d'Orb. 10-12. *P. Candiana*, d'Orb.  
 13-15. *P. Vespuciana*, d'Orb. 16-18. *P. albomaculata*, d'Orb. 19-21. *Stomatia picta*, d'Orb. 22, 23. *Capulus intortus*, d'Orb.  
 24, 25. *C. subrufus*, d'Orb. 26-29. *Infundibulum Candianum*, d'Orb. 30-33. *Crepidula protea*, d'Orb. 34-36. *Emarginula clausa*, d'Orb.  
 37-39. *Fisurella Listeri*, d'Orb. 40-42. *F. Antillarum*, d'Orb.





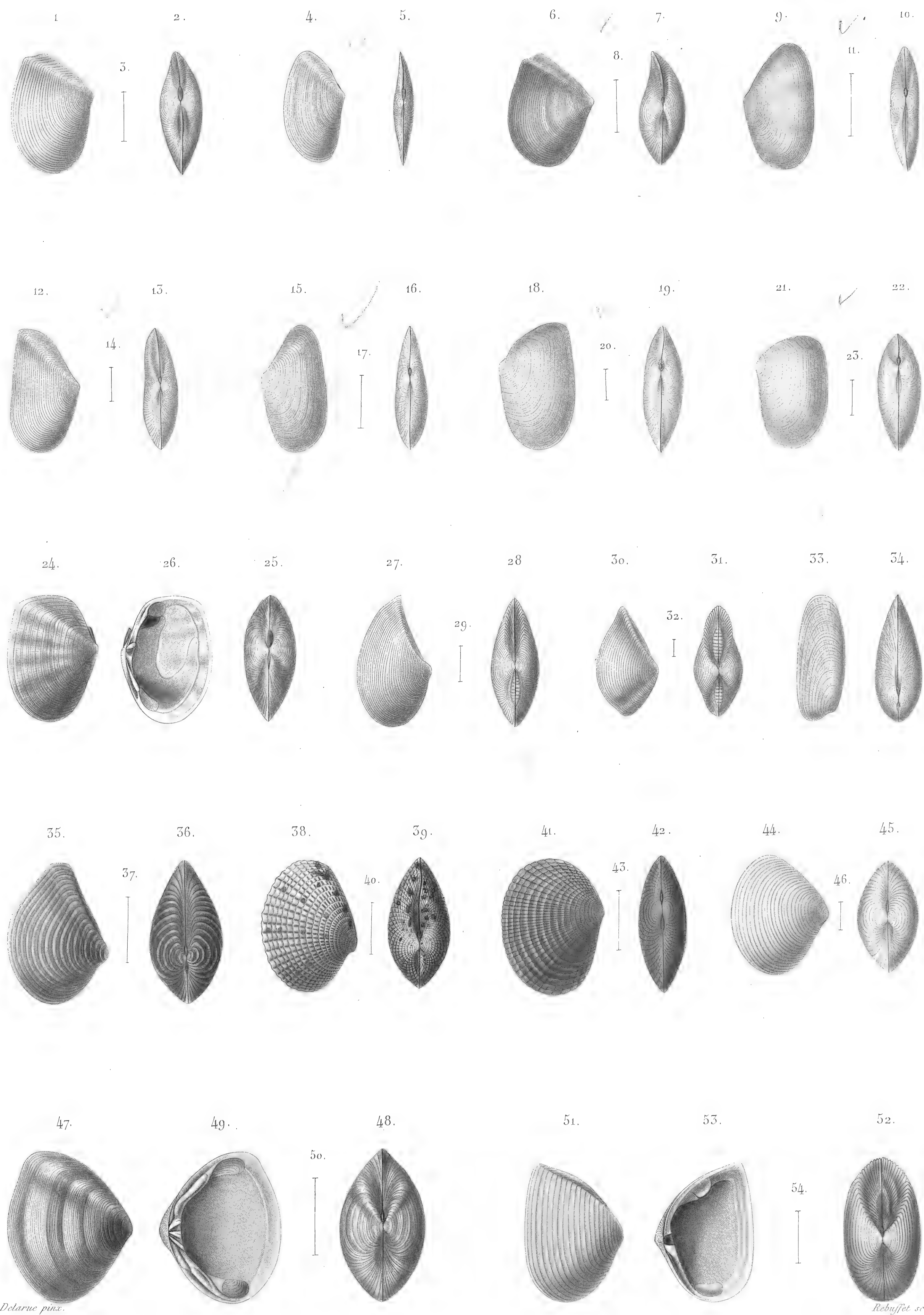
Delarue pinx.

Rebuffet sc.

- 1-5. *Patella Candiana*, d'Orb. 4-6. *P. Calaniana*, d'Orb. 7-9. *Dentalium Dominguense*, d'Orb. 10-13. *D. Antillarum*, d'Orb.  
 14-17. *D. disparile*, d'Orb. 18, 19. *Pholas Candiana*, d'Orb. 20-22. *P. Caribaea*, d'Orb. 23-25. *P. Hornbeckii*, d'Orb.  
 26-28. *Lyonsia Beana*, d'Orb. 29, 30. *Gastrochana chemnitziana*, d'Orb. 33-35. *Lavignon Petitianna*, d'Orb. 36-38. *L. Antillarum*, d'Orb.  
 42-44. *Amphidesma cancellata*, d'Orb. 45, 46. *Tellina Antillarum*, d'Orb. 47-49. *T. Caribaea*, d'Orb. 50-52. *T. Candiana*, d'Orb.





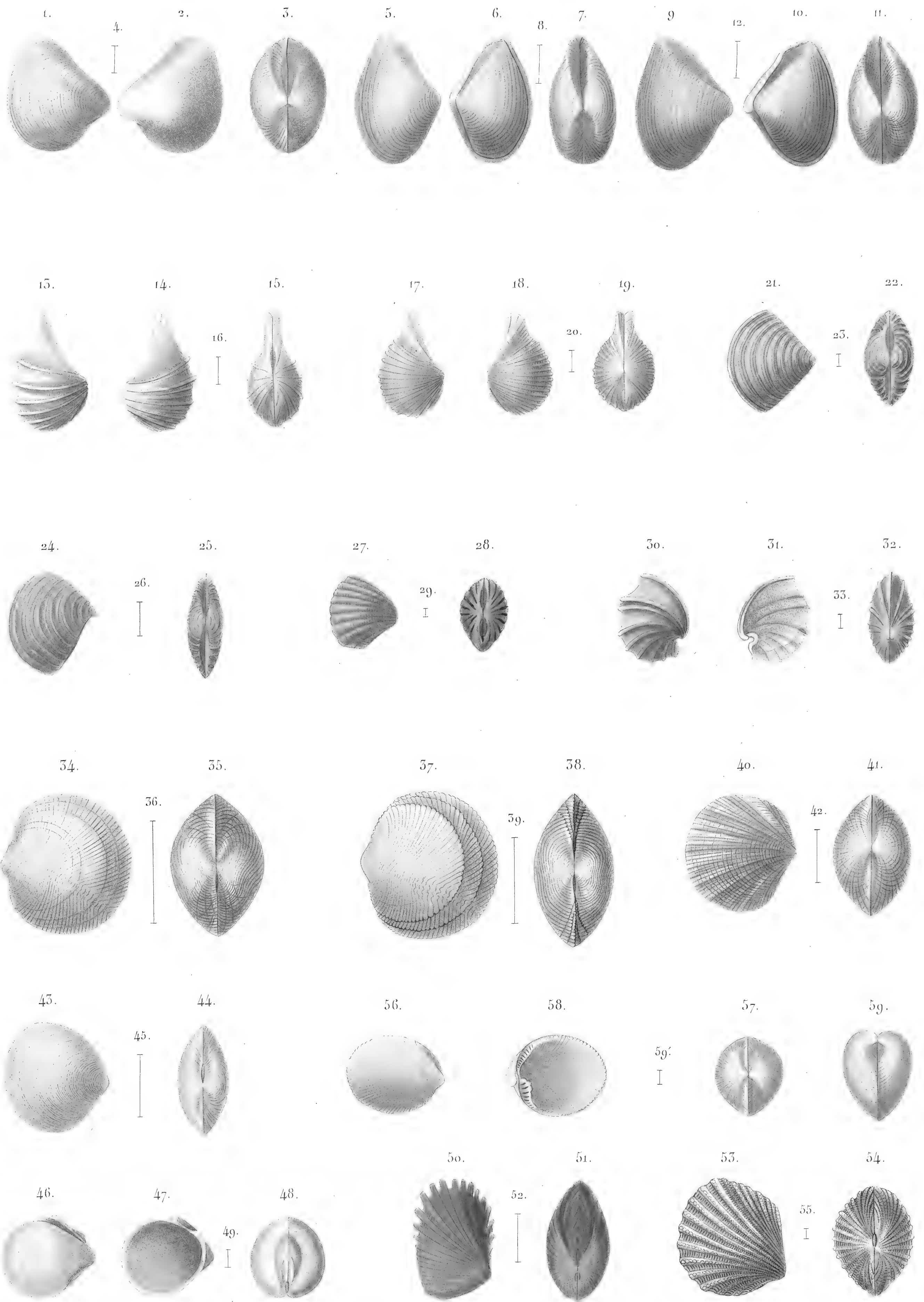


Delarue pinx.

Rebuffet sc.

- 1-5. *Tellina Guadeloupensis*, d'Orb.    4, 5. *T. vitrea*, d'Orb.    6-8. *T. Martinicensis*, d'Orb.    9-11. *T. consobrina*, d'Orb.  
 12-14. *Tellina Vespasiana*, d'Orb.    15-17. *T. simplex*, d'Orb.    18-20. *T. pauperata*, d'Orb.    21-23. *T. cuneata*, d'Orb.  
 24-26. *Acropagia bimaculata*, d'Orb.    27-29. *Leda vitrea*, d'Orb.    30-32. *L. jamaicensis*, d'Orb.    33, 34. *Cypricardia Hornbeckiana*, d'Orb.  
 35-37. *Venus Auboriana*, d'Orb.    38-40. *V. inaequivalvis*, d'Orb.    41-43. *V. Antillarum*, d'Orb.    44-46. *V. Cubaniana*, d'Orb.  
 47-50. *Cyclas maritima*, d'Orb.    51-54. *Corbula Cubaniana*, d'Orb.





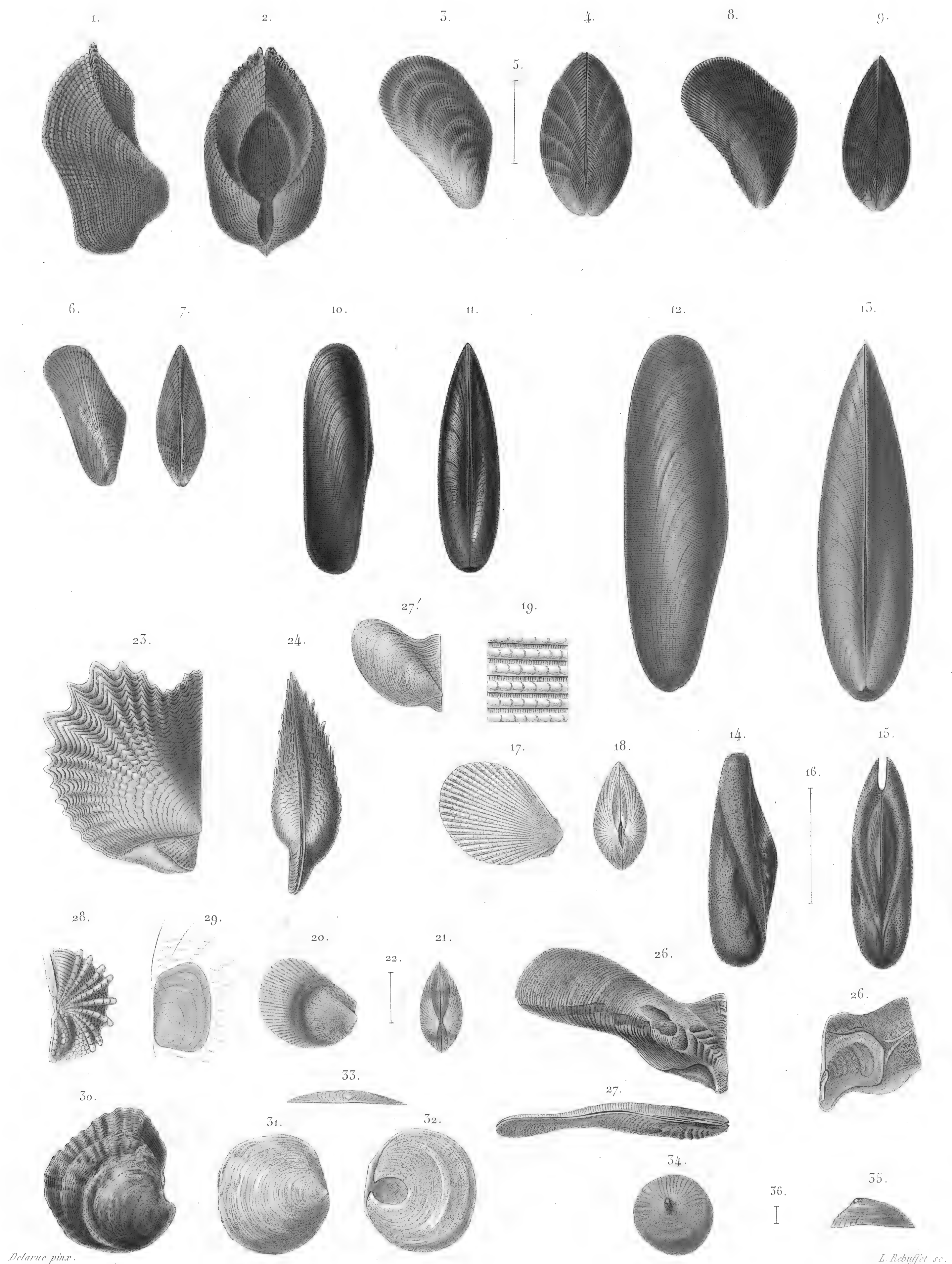
*Delaware pinx.*

*L. Rebuffet sc.*

- 1-4. *Corbula disparilis*, d'Orb. 5-8. *C. Caribaea*, d'Orb. 9-12. *C. Lurida*, d'Orb. 13-16. *Sphincterina ornata*, d'Orb.  
 17-20. *S. alternata*, d'Orb. 21-23. *Cratichneumon Martinicensis*, d'Orb. 24-26. *C. Guadalupeensis*, d'Orb. 27-29. *Cardia Lemingensis*, d'Orb.  
 30-33. *Trigonulina ornata*, d'Orb. 34-36. *Lucina quadrivalvata*, d'Orb. 37-39. *L. serrata*, d'Orb. 40-42. *L. costata*, d'Orb.  
 43-45. *L. Candiana*, d'Orb. 46-49. *L. trisinuata*, d'Orb. 50-52. *Cardium Petitianum*, d'Orb. 53-55. *C. Antillarum*, d'Orb.  
 56-59. *Nuculocardia divaricata*, d'Orb.







*Delarue pinx.*

*L. Rebuffet sc.*

- 1, 2. *Arca americana*, d'Orb.    3-5. *Mytilus Lavelleanus*, d'Orb.    6, 7. *Mytilus exustus*, Linné.    8, 9. *Mytilus Dominguenis*, d'Orb.  
 10, 11. *Lithodomus niger*, d'Orb.    12, 13. *Lithodomus Antillarum*, d'Orb.    14-16. *Lithodomus bisulcatus*, d'Orb.    17-19. *Limna caribea*, d'Orb.  
 20-22. *Limna Cubaniana*, d'Orb.    23, 24. *Avicula Guadalupensis*, d'Orb.    25-27. *A. Candiana*, d'Orb.    28, 29. *Chama arcinella*, Linné.  
 30. *Ostrea spreta*, d'Orb.    31. *Anomya simplex*, d'Orb.    34-36. *Orbicula Antillarum*, d'Orb.

















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